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INTERPOLATED JEFFREYS AND PULLEN SEISMOLOGICAL TABLES

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TECHNICAL REPORT NO. 65-35

INTERPOLATED JEFFREYS AND BULLEN  
SEISMOLOGICAL TABLES

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by

H. S. Travis

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5 May 1965

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### ABSTRACT

The travel times for all body phases tabulated in the Jeffreys and Bullen Seismological Tables (1958) have been calculated by interpolation for distance intervals of 1 degree at each of the 14 focal depths established by Jeffreys and Bullen. Travel times have been similarly derived for the phases "diffracted P" (P at distances beyond 105 degrees) and "PKPPKPPKP," based on data extracted from the Gutenberg and Richter travel-time charts (1934-1939). The calculations were effected by means of a digital computer program principally employing Lagrange's four-point interpolation formula. This report discusses the techniques involved and presents the fully interpolated tables in a convenient form.

## INTERPOLATED JEFFREYS AND BULLEN SEISMOLOGICAL TABLES

### 1. INTRODUCTION

This report presents a fully interpolated version of the Jeffreys and Bullen (J-B) Seismological Tables<sup>1</sup> and discusses the manner in which it was generated. The travel times for all teleseismic body phases contained in the J-B tables are given for distance intervals of 1 degree at each of the 14 standard J-B focal depths. The times are tabulated in a convenient reference form very similar to that employed for the "P" and "S" phases in the existing J-B tables. Travel times are similarly presented for the phases "diffracted P" (P at distances beyond 105 degrees) and "PKPPKPPKF,"<sup>2</sup> based on data extracted from the Gutenberg and Richter travel-time charts.

These interpolated J-B tables have been calculated as a convenience for seismologists who must have frequent access to accurate, closely resolved (in distance and depth) travel times for all phases. The only phases in the existing J-B tables listed for distance intervals of 1 degree at all depths are "P" and "S." It is anticipated that the tables will save many hours of needless, repetitious manual interpolation on the part of analysts trying to identify and associate phases. Particular application is seen for compiling seismological bulletins, such as those assembled under the Long-Range Seismic Measurements Program, which routinely involve a vast amount of table lookup for accurate association of phases.

Section 2 of this report discusses in detail the interpolation and computational methods used to create the interpolated tables, and section 3 specifies mathematically the interpolation formulas used. Section 5 provides an index of the phases available, their various branches, and the ranges of distance

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<sup>1</sup>Jeffreys, Harold, and Bullen, K. E., 1958, Seismological tables: British Association for the Advancement of Science Publication

<sup>2</sup>Gutenberg and Richter, 1934-1939, Seismic wave papers, I-IV: Gerlands Beiträge Zur Geophysik

over which they are tabulated. Depth phases such as "pP" and "sS" are not included because of the ease with which their times can be calculated from the "P" and "S" tables.

## 2. DESCRIPTION OF METHOD

A program for the Control Data 160-A digital computer was written to interpolate the existing Jeffreys and Bullen seismological travel-time tables and tabulate the results. Primarily, the program employed the Lagrangian four-point interpolation polynomial to interpolate between the times; however, when four points could not be obtained, a linear interpolation method was used. For each phase where it was necessary, the program first calculated by interpolation the depth allowances at all standard J-B depths for distance intervals of 1 degree. Depth allowances in the Jeffreys and Bullen tables are generally given at distance intervals of only 10 degrees. Subsequently, the interpolated depth allowances were subtracted from the surface times of the phase to obtain the corrected travel times at depth. In some cases, the times for surface focus were given at 5-degree intervals and also had to be interpolated for each degree.

For core phases other than "PKP," "SKS," "PcP," and "ScS," the allowances for depth had to be obtained by first determining the  $dt/d\Delta$  at 1-degree intervals for each phase's surface travel-time curve. Then the allowances for depth were taken as equal to those given (or interpolated) for the above core phases at distances where  $dt/d\Delta$  were the same. For example, to obtain the desired depth allowance for the phase "SKKS" at 150 degrees for depth 0.06R, it is determined that  $dt/d\Delta$  at that distance is 5.5 sec/degree, which is matched by "SKS" at 94 degrees. Therefore, the depth allowance for "SKKS" at 150 degrees for depth 0.06R is equal to that for "SKS" at 94 degrees and depth 0.06R.<sup>3</sup> For those phases whose depth allowances were not defined by the J-B tables, such as "PP" at 10 degrees and depth 0.06R, the times were left blank.

Travel-time tables were tabulated for those phases which produce multiple combinations, such as "PcSPKP." Tables for the phases "ScPPKP" and "PKPScP" (or PKPPcS) were tabulated by obtaining the proper depth allowances (for ScP and PKP, respectively) by the standard procedure and subtracting these times

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<sup>3</sup> Jeffreys and Bullen, op. cit.

from the surface times of "PcSPKP." The travel times for diffracted "P" and "FKPPKPPKP" were obtained from the Gutenberg and Richter travel-time charts at distance intervals of approximately 0.6 degree and at depth intervals of 100 kilometers. From these, travel times were determined for distance intervals of 1 degree at the standard J-B focal depths.

Generally, the times for each phase given in the standard Jeffreys and Bullen travel-time tables represent average times with standard errors of under 1 second.<sup>4</sup> Inevitably, the interpolated tables presented herein have the same error; however, it should be pointed out that possibilities of small disagreements with the standard tables arise from the smoothing technique introduced. In the majority of cases, the interpolated times agree to 0.1 second with the standard tables. However, the derivatives ( $dt/d\Delta$ ) of the travel-time curves for several of the more exotic body phases (e.g., PKPPKS) were so erratic the interpolation technique employed smoothed over these points. Consequently, the times differ occasionally from a linearly interpolated time. The magnitude of the disagreement is generally less than half a second.

### 3. NUMERICAL TECHNIQUES

#### 3.1 LAGRANGIAN INTERPOLATION FORMULA

Numerical four-point interpolation (Hildebrand, F. B., 1956) can be obtained from the Lagrangian interpolation polynomial of degree 3 expressed in the following general form:

$$y(x) = \sum_{k=0}^3 L_k(x) f(x_k)$$

where:

$y(x)$  is the Lagrangian interpolation polynomial of degree 3 that approximates the assumed continuous function  $f(x)$ .

$f(x_k)$  is a series of discrete ordinate points (corresponding to abscissa values  $x_0, x_1, x_2$ , and  $x_3$ ) representing the function to be approximated.

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<sup>4</sup>Ibid

and the desired Lagrangian coefficients are given by:

$$L_k(x) = \frac{(x-x_0) \dots (x-x_{k-1}) (x-x_{k+1}) \dots (x-x_3)}{(x_k-x_0) \dots (x_k-x_{k-1})(x_k-x_{k+1}) \dots (x_k-x_3)}$$

where the factors  $(x-x_k)$  and  $(x_k-x_k)$  are to be omitted in the products. Thus, a value of  $y$  may be calculated for any value of  $x$  by means of the Lagrangian polynomial. To obtain the highest degree of accuracy, the value of  $x$  should be centered between the two innermost data points ( $x_1$  and  $x_2$ ).

### 3.2 LINEAR INTERPOLATION FORMULA

Linear numerical interpolation (Hildebrand, F. B., 1956) between two tabular points can be obtained from the following formula:

$$f(x) \approx f(x_0) + \frac{(x-x_0)}{(x_1-x_0)} \left[ f(x_1) - f(x_0) \right]$$

where:

$f(x)$  is a function assumed to be linear between the two tabular points,  $x_0$  and  $x_1$ .

### 4. REMARKS

The interpolated Jeffreys and Bullen seismological tables are also available on punched cards.

## 5. INDEX OF PHASES

<u>PHASE</u>	<u>BRANCH</u>	<u>DISTANCE RANGES</u>	<u>PAGE</u>
1. P		0° - 105°	9
2. P diff		105° - 150°	12
3. S		0° - 107°	14
4. PP		10° - 180°	17
5. PS		50° - 140°	22
6. SS		10° - 180°	25
7. SP		44° - 140°	30
8. PPP		10° - 220°	33
9. PPS		60° - 180°	39
10. PSS		100° - 220°	42
11. SSS		10° - 220°	45
12. SSP		90° - 220°	51
13. SPP		45° - 180°	55
14. PcP		0° - 80°	59
15. PcS		0° - 70°	61
16. ScS		0° - 80°	63
17. ScP		0° - 80°	65
18. PKP	AB	143° - 180°	67
	BC	143° - 147°	68
	DEF	110° - 180°	68
19. PKS	AB	130° - 148°	70
	BC	130° - 140°	70
	DEF	104° - 180°	70
20. SKS	AC	70° - 133°	73
	DEF	99° - 180°	74
21. SKP	AB	130° - 148°	77
	BC	130° - 140°	77
	DEF	104° - 180°	77
22. PKKP	AB	104° - 126°	80
	BC	93° - 126°	80
	DF	0° - 162°	81

<u>PHASE</u>	<u>BRANCH</u>	<u>DISTANCE RANGES</u>	<u>PAGE</u>
23. PKKS	AB	134°-146°	86
	BC	100°-146°	86
	DF	0°-168°	87
24. SKKS	AC	85°-243°	92
	DF	0°-173°	96
25. SKKP	AB	134°-146°	101
	BC	100°-146°	101
	DF	0°-168°	102
26. SKKKS	ABC	90°-370°	107
27. PcPPKP	AB	82°-187°	114
	DF	132°-180°	116
28. PcSPKP	AC	110°-194°	118
	DF	127°-180°	120
29. ScSP		112°-140°	122
		112°-130°	122
30. ScSPKP	ABC	160°-206°	124
	D	121°-180°	125
31. ScPPKP	AC	110°-194°	127
	DF	127°-180°	129
32. PKPPcP	AB	82°-187°	131
	DF	132°-180°	133
33. PKFPcS or PKPScP	AC	110°-194°	135
	DF	127°-180°	137
34. PKPScS	ABC	160°-206°	139
	D	121°-180°	140
35. PKPPKP	DF	0°-140°	142
36. PKPPKS or PKPSKP	B	75°-84°	146
	DF	0°-145°	146

<u>PHASE</u>	<u>BRANCH</u>	<u>DISTANCE RANGES</u>	<u>PAGE</u>
37. PKSPKP	B	75° - 84°	150
	•DF	0° - 145°	150
38. SKPPKP	B	75° - 84°	154
	DF	0° - 145°	154
39. SKSP		115° - 205°	158
40. PKPPKPPKP		44° - 104°	161

6. INTERPOLATED JEFFREYS AND BULLEN  
SEISMOLOGICAL TABLES

TIMES OF P BRANCH

Δ	Depth h =													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
0.0	m 06.6	m 05.4	m 13.5	m 21.4	m 29.1	m 36.6	m 43.9	m 51.1	m 58.0	m 04.5	m 10.8	m 16.8	m 22.5	m 29.8
0.5	14.0	10.5	15.6	22.6	29.9	37.2	44.4	51.5	58.3	04.8	11.0	17.0	23.0	29.0
1.0	21.1	17.7	20.4	25.8	32.3	39.1	45.9	52.7	59.3	05.7	11.8	17.7	23.6	29.5
1.5	28.2	24.8	26.7	30.6	36.0	42.3	48.0	54.8	01.0	07.2	13.1	18.8	24.6	30.3
2.0	35.4	32.0	32.9	36.0	40.6	45.8	51.6	57.6	03.4	09.2	14.8	20.3	25.9	31.5
2.5	42.6	39.1	39.8	42.1	45.7	50.3	55.4	00.9	06.3	11.8	17.1	22.3	27.7	33.0
3.0	49.7	46.3	46.7	48.4	51.3	55.2	59.7	04.6	09.7	14.8	19.8	24.7	29.8	34.9
3.5	56.8	53.4	53.6	54.8	57.1	00.4	04.4	08.9	13.4	18.1	22.8	27.5	32.3	37.2
4.0	03.9	00.5	00.4	01.3	03.2	06.0	09.4	13.4	17.5	21.7	26.2	30.6	35.1	39.7
4.5	11.0	07.6	07.2	07.8	09.4	11.7	14.7	18.2	21.9	25.7	29.7	33.7	37.3	42.4
5.0	18.1	14.7	14.1	14.4	15.6	17.5	20.1	23.3	26.5	29.9	33.5	37.3	41.2	45.4
5.5	25.2	21.7	20.9	21.0	22.0	23.5	25.7	28.4	31.3	34.3	37.6	40.9	44.8	48.6
6.0	32.2	28.7	27.7	27.6	28.3	29.5	31.4	33.7	36.3	38.9	41.8	44.8	48.2	51.9
6.5	39.3	35.8	34.6	34.3	34.7	35.6	37.2	39.2	41.4	43.6	46.1	48.9	52.0	55.3
7.0	46.3	42.8	41.6	41.0	41.1	41.8	43.1	44.8	46.5	48.4	50.6	53.1	55.9	58.9
7.5	53.3	49.8	48.4	47.7	47.5	48.0	49.0	50.4	51.8	53.3	55.2	57.4	59.9	62.6
8.0	00.3	56.7	55.2	54.3	54.0	54.2	54.9	56.1	57.1	58.3	59.8	61.7	64.0	66.5
8.5	07.3	03.7	02.0	00.9	00.5	00.4	00.8	01.8	02.5	03.3	04.5	06.2	08.2	10.5
9.0	14.2	10.6	08.7	07.5	06.9	06.6	06.8	07.5	07.9	08.4	09.3	10.7	12.5	14.5
9.5	21.1	17.5	15.5	14.1	13.3	12.8	12.8	13.2	13.3	13.5	14.1	15.3	16.8	18.6
10	28.0	24.4	22.2	20.6	19.0	18.0	18.8	19.0	19.6	20.6	21.9	23.9	26.2	28.7
11	41.7	38.0	35.6	33.7	32.5	31.4	30.8	30.6	29.3	28.8	28.7	29.1	30.0	31.2
12	55.3	51.6	48.9	46.7	45.1	43.8	42.8	41.8	39.9	38.9	38.6	38.6	39.0	39.8
13	08.7	05.0	02.1	00.6	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
14	21.9	18.1	15.0	12.3	10.0	08.1	06.7	05.3	03.9	02.5	01.1	00.0	00.0	00.0
15	35.0	31.2	27.9	24.9	22.3	20.1	17.0	14.0	11.1	09.2	07.9	07.1	06.4	06.2
16	48.0	44.1	40.5	37.3	34.4	31.3	27.6	24.1	21.2	19.0	17.5	16.4	15.5	15.1
17	00.7	56.7	52.9	49.5	46.0	41.9	38.0	34.2	31.2	28.7	26.9	25.5	24.5	24.0
18	13.2	09.2	05.2	01.1	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
19	25.5	21.5	16.5	11.6	06.7	02.3	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
20	37.0	32.5	27.1	21.9	16.9	12.2	07.9	03.8	00.3	00.0	00.0	00.0	00.0	00.0
21	47.4	42.9	37.3	31.9	26.8	22.0	17.6	13.4	09.7	06.5	03.9	01.8	00.2	00.0
22	57.5	52.9	47.2	41.7	36.5	31.7	27.2	22.9	19.0	15.7	13.0	10.8	08.0	07.7
23	07.4	02.8	00.9	01.4	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
24	17.1	12.5	06.5	01.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
25	26.8	22.2	16.2	10.4	05.9	01.6	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
26	36.2	31.6	25.5	19.7	14.1	08.7	03.8	00.0	00.0	00.0	00.0	00.0	00.0	00.0
27	45.4	40.8	34.7	28.9	23.2	17.8	12.8	08.0	03.9	00.2	00.0	00.0	00.0	00.0
28	54.5	49.9	43.8	37.9	32.2	26.8	21.7	16.8	12.6	09.0	05.7	02.9	00.6	00.3
29	03.5	58.8	52.7	46.8	41.1	35.6	30.5	25.5	21.4	17.6	14.3	11.4	09.0	07.1
30	12.5	07.7	01.6	55.7	49.9	44.4	39.2	34.2	30.0	26.2	22.8	19.9	17.4	15.4

Depth  $h =$

$\Delta$	Depth $h =$											
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10
31	6 21.3	6 16.6	6 10.4	6 04.5	5 58.6	5 53.1	5 47.8	5 42.8	5 38.5	5 34.7	5 31.3	5 28.3
32	6 30.1	6 25.4	6 19.1	6 13.2	6 07.3	6 01.7	5 56.4	5 51.4	5 47.1	5 43.2	5 39.7	5 36.7
33	6 38.8	6 34.1	6 27.8	6 21.8	6 15.9	6 10.3	6 04.9	5 59.9	5 55.5	5 51.6	5 48.1	5 45.0
34	6 47.5	6 42.7	6 36.4	6 30.3	6 24.4	6 18.8	6 13.4	6 08.4	6 03.9	6 00.0	5 56.4	5 53.3
35	6 56.1	6 51.3	6 44.9	6 38.8	6 32.9	6 27.2	6 21.8	6 16.8	6 12.3	6 08.3	6 04.7	6 01.5
36	7 04.6	6 59.8	6 53.4	6 47.2	6 41.3	6 35.6	6 30.2	6 25.2	6 20.6	6 16.6	6 12.9	6 09.7
37	7 13.0	7 08.2	7 01.8	6 55.6	6 49.7	6 44.0	6 38.5	6 33.5	6 28.9	6 24.8	6 21.1	6 17.9
38	7 21.4	7 16.6	7 10.1	7 04.0	6 58.0	6 52.3	6 46.8	6 41.7	6 37.1	6 32.9	6 29.3	6 26.0
39	7 29.8	7 24.9	7 18.4	7 12.3	7 06.3	7 00.5	6 55.0	6 49.9	6 45.3	6 41.0	6 37.4	6 34.0
40	7 38.1	7 33.2	7 26.7	7 20.5	7 14.5	7 08.7	7 03.2	6 58.1	6 53.4	6 49.1	6 45.4	6 42.0
41	7 46.3	7 41.5	7 34.9	7 28.7	7 22.7	7 16.9	7 11.3	7 06.2	7 01.5	6 57.1	6 53.4	6 49.9
42	7 54.5	7 49.7	7 43.1	7 36.9	7 30.8	7 25.0	7 19.4	7 14.2	7 09.5	7 05.1	7 01.3	6 57.8
43	8 02.7	7 57.9	7 51.3	7 45.0	7 38.9	7 33.0	7 27.4	7 22.2	7 17.4	7 13.0	7 09.1	7 05.5
44	8 10.8	8 06.0	7 59.4	7 53.0	7 46.9	7 41.0	7 35.4	7 30.1	7 25.3	7 20.8	7 16.9	7 13.3
45	8 18.9	8 14.0	8 07.4	8 01.0	7 54.8	7 48.9	7 43.3	7 38.0	7 33.1	7 28.6	7 24.6	7 20.9
46	8 26.8	8 22.0	8 15.3	8 08.9	8 02.7	7 56.7	7 51.1	7 45.8	7 40.8	7 36.3	7 32.2	7 28.5
47	8 34.7	8 29.8	8 23.2	8 16.7	8 10.4	8 04.5	7 58.8	7 53.5	7 48.5	7 43.9	7 39.8	7 36.0
48	8 42.6	8 37.7	8 31.0	8 24.5	8 18.2	8 12.2	8 06.5	8 01.1	7 56.1	7 51.5	7 47.3	7 43.4
49	8 50.3	8 45.4	8 38.7	8 32.2	8 25.8	8 19.8	8 14.1	8 08.7	8 03.6	7 59.0	7 54.8	7 50.8
50	8 58.0	8 53.1	8 46.4	8 39.8	8 33.4	8 27.3	8 21.6	8 16.2	8 11.1	8 06.4	8 02.1	7 58.1
51	9 05.6	9 00.7	8 54.0	8 47.4	8 40.9	8 34.7	8 29.0	8 23.6	8 18.5	8 13.7	8 09.4	8 05.3
52	9 13.2	9 08.2	9 01.5	8 54.9	8 48.3	8 42.1	8 36.4	8 31.0	8 25.8	8 21.0	8 16.5	8 12.4
53	9 20.7	9 15.7	9 09.0	9 02.3	8 55.7	8 49.4	8 43.7	8 38.3	8 33.0	8 28.1	8 23.6	8 19.5
54	9 28.0	9 23.1	9 16.3	9 09.6	9 03.0	8 56.6	8 50.9	8 45.5	8 40.1	8 35.2	8 30.6	8 26.5
55	9 35.4	9 30.4	9 23.6	9 16.9	9 10.2	8 53.8	8 58.0	8 52.6	8 47.2	8 42.2	8 37.6	8 33.4
56	9 42.6	9 37.6	9 30.8	9 24.1	9 17.3	9 10.9	9 05.1	8 59.6	8 54.2	8 49.1	8 44.5	8 40.2
57	9 49.8	9 44.8	9 37.9	9 31.1	9 24.4	9 17.9	9 12.0	9 06.5	9 01.0	8 56.0	8 51.3	8 47.0
58	9 56.8	9 51.8	9 44.9	9 38.1	9 31.4	9 24.9	9 18.9	9 13.3	9 07.8	9 02.6	8 58.1	8 53.7
59	10 03.8	9 58.8	9 51.8	9 45.1	9 38.3	9 31.8	9 25.8	9 20.0	9 14.5	9 09.5	9 04.8	9 00.3
60	10 10.7	10 05.7	9 58.7	9 51.9	9 45.1	9 38.6	9 32.5	9 26.7	9 21.2	9 16.1	9 11.4	9 06.9
61	10 17.5	10 12.5	10 05.5	9 58.7	9 51.8	9 45.3	9 39.1	9 33.3	9 27.8	9 22.7	9 17.9	9 13.4
62	10 24.3	10 19.2	10 12.2	10 05.4	9 58.5	9 51.9	9 45.7	9 39.9	9 34.4	9 29.2	9 24.4	9 19.8
63	10 30.9	10 25.9	10 18.9	10 12.0	10 05.1	9 58.4	9 52.2	9 46.4	9 40.9	9 35.6	9 30.8	9 26.2
64	10 37.5	10 32.4	10 25.4	10 18.5	10 11.6	10 04.9	9 58.6	9 52.8	9 47.3	9 42.0	9 37.1	9 32.5
65	10 44.0	10 38.9	10 31.9	10 25.0	10 18.0	10 11.3	10 05.0	9 59.2	9 53.6	9 48.3	9 43.4	9 38.7
66	10 50.4	10 45.3	10 38.3	10 31.4	10 24.4	10 17.6	10 11.3	10 05.5	9 59.8	9 54.5	9 49.5	9 44.9
67	10 56.8	10 51.6	10 44.6	10 37.7	10 30.7	10 23.9	10 17.6	10 11.7	10 06.0	10 00.7	9 55.7	9 50.9
68	11 03.1	10 57.9	10 50.8	10 43.9	10 36.9	10 30.1	10 23.7	10 17.8	10 12.1	10 06.8	10 01.7	9 57.0
69	11 09.3	11 04.1	10 57.0	10 50.0	10 43.0	10 36.2	10 29.8	10 23.9	10 18.1	10 12.8	10 07.7	10 02.9
70	11 15.4	11 10.2	11 03.1	10 56.1	10 49.1	10 42.3	10 35.9	10 29.9	10 24.1	10 18.7	10 13.6	10 08.8

TIMES OF P BRANCH  
 Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
71	11	21.5	11	16.3	11	09.1	11	02.1	10	55.1	10	48.3	10	41.9	10	35.8	10	30.0	10	24.6	10	19.4	10	14.5	10	10.0	10	05.4
72	11	27.5	11	22.2	11	15.1	11	08.0	11	01.1	10	54.3	10	47.8	10	41.7	10	35.8	10	30.4	10	25.2	10	20.3	10	15.7	10	11.1
73	11	33.4	11	28.2	11	20.9	11	13.9	11	07.0	11	00.2	10	53.7	10	47.5	10	41.6	10	36.1	10	30.9	10	26.0	10	21.3	10	16.6
74	11	39.2	11	34.0	11	26.8	11	19.7	11	12.8	11	06.0	10	59.5	10	53.2	10	47.3	10	41.7	10	36.5	10	31.6	10	26.8	10	22.2
75	11	45.0	11	39.8	11	32.5	11	25.4	11	18.5	11	11.7	11	05.2	10	58.8	10	52.9	10	47.3	10	42.1	10	37.1	10	32.3	10	27.5
76	11	50.7	11	45.5	11	38.2	11	31.0	11	24.1	11	17.3	11	10.8	11	04.4	10	58.4	10	52.8	10	47.6	10	42.6	10	37.7	10	33.0
77	11	56.3	11	51.2	11	43.8	11	36.6	11	29.6	11	22.8	11	16.3	11	09.9	11	03.9	10	58.2	10	53.0	10	47.9	10	43.1	10	38.3
78	12	01.8	11	56.7	11	49.3	11	42.1	11	35.1	11	28.3	11	21.7	11	15.3	11	09.3	11	03.6	10	58.3	10	52.3	10	48.3	10	43.5
79	12	07.3	12	02.2	11	54.8	11	47.5	11	40.5	11	33.6	11	27.0	11	20.6	11	14.6	11	08.9	11	03.6	10	58.5	10	53.6	10	48.7
80	12	12.7	12	07.6	12	00.2	11	52.9	11	45.8	11	38.9	11	32.3	11	25.9	11	19.8	11	14.1	11	08.6	11	03.7	10	58.7	10	53.8
81	12	18.0	12	12.9	12	05.5	11	58.2	11	51.1	11	44.1	11	37.5	11	31.1	11	25.0	11	19.3	11	13.9	11	08.8	11	03.8	10	58.8
82	12	23.2	12	18.1	12	10.7	12	03.4	11	56.2	11	49.3	11	42.7	11	36.2	11	30.1	11	24.3	11	19.0	11	13.9	11	08.8	11	03.8
83	12	28.4	12	23.2	12	15.8	12	08.5	12	01.4	11	54.4	11	47.7	11	41.3	11	35.1	11	29.4	11	24.0	11	18.8	11	13.7	11	08.7
84	12	33.5	12	28.3	12	20.8	12	13.5	12	06.4	11	59.4	11	52.8	11	46.3	11	40.1	11	34.3	11	28.9	11	23.8	11	18.6	11	13.5
85	12	38.5	12	33.3	12	25.8	12	18.5	12	11.4	12	04.4	11	57.7	11	51.2	11	45.0	11	39.2	11	33.8	11	28.6	11	23.4	11	18.4
86	12	43.5	12	38.2	12	30.7	12	23.4	12	16.3	12	09.3	12	02.5	11	56.0	11	49.8	11	44.0	11	38.6	11	33.3	11	28.1	11	23.1
87	12	48.4	12	43.1	12	35.6	12	28.2	12	21.1	12	14.1	12	07.3	12	00.8	11	54.6	11	48.7	11	43.3	11	38.0	11	32.8	11	27.0
88	12	53.2	12	47.9	12	40.4	12	33.0	12	25.8	12	18.8	12	12.1	12	05.5	11	59.3	11	53.4	11	48.0	11	42.7	11	37.5	11	32.4
89	12	58.0	12	52.7	12	45.1	12	37.7	12	30.5	12	23.5	12	16.7	12	10.2	12	04.0	11	58.1	11	52.7	11	47.3	11	42.1	11	37.0
90	13	02.7	12	57.4	12	49.8	12	42.4	12	35.2	12	28.2	12	21.4	12	14.8	12	08.6	12	02.7	11	57.3	11	51.9	11	46.7	11	41.6
91	13	07.3	13	02.1	12	54.5	12	47.1	12	39.8	12	32.8	12	26.0	12	19.4	12	13.2	12	07.3	12	01.9	11	56.5	11	51.3	11	46.2
92	13	11.9	13	06.7	12	59.1	12	51.7	12	44.5	12	37.5	12	30.7	12	24.1	12	17.8	12	11.9	12	06.4	12	01.1	11	55.9	11	50.8
93	13	16.5	13	11.3	13	03.7	12	56.3	12	49.1	12	42.1	12	35.3	12	28.7	12	22.4	12	16.5	12	11.0	12	05.7	12	00.5	11	55.3
94	13	21.1	13	15.8	13	08.2	13	00.8	12	53.6	12	46.6	12	39.8	12	33.2	12	27.0	12	21.1	12	15.5	12	10.3	12	05.1	11	59.9
95	13	25.7	13	20.4	13	12.8	13	05.4	12	58.2	12	51.2	12	44.4	12	37.8	12	31.5	12	25.6	12	20.0	12	14.8	12	09.6	12	04.4
96	13	30.3	13	24.9	13	17.3	13	09.9	13	02.7	12	55.7	12	49.0	12	42.4	12	36.0	12	30.1	12	24.5	12	19.3	12	14.1	12	08.9
97	13	34.8	13	29.5	13	21.9	13	14.5	13	07.3	13	00.3	12	53.5	12	46.9	12	40.6	12	34.7	12	29.0	12	23.8	12	18.6	12	13.5
98	13	39.3	13	34.0	13	26.4	13	19.0	13	11.8	13	04.8	12	58.0	12	51.5	12	45.1	12	39.2	12	33.5	12	28.3	12	23.1	12	18.0
99	13	43.8	13	38.5	13	31.0	13	23.6	13	16.4	13	09.4	13	02.6	12	56.0	12	49.6	12	43.7	12	38.0	12	32.8	12	27.6	12	22.5
100	13	48.4	13	43.1	13	35.5	13	28.1	13	20.9	13	13.9	13	07.1	13	00.4	12	54.1	12	48.2	12	42.6	12	37.3	12	32.1	12	27.0
101	13	52.9	13	47.6	13	40.0	13	32.6	13	25.4	13	18.4	13	11.5	13	04.8	12	58.5	12	52.6	12	47.0	12	41.7	12	36.5	12	31.4
102	13	57.4	13	52.1	13	44.4	13	37.0	13	29.8	13	22.8	13	15.9	13	09.2	13	02.9	12	57.0	12	51.4	12	46.1	12	40.9	12	35.5
103	14	01.8	13	56.5	13	48.8	13	41.4	13	34.2	13	27.2	13	20.3	13	13.6	13	07.3	13	01.4	12	55.9	12	50.6	12	45.3	12	40.2
104	14	06.2	14	00.9	13	53.2	13	45.8	13	38.6	13	31.6	13	24.8	13	18.1	13	11.9	13	05.9	13	00.3	12	55.0	12	49.7	12	44.6
105	14	10.6	14	05.3	13	57.5	13	50.2	12	43.0	13	35.9	13	29.1	13	22.4	13	16.2	13	10.2	13	04.6	12	59.3	12	54.0	12	48.9

Depth  $h =$

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
105	14	10.6	14	05.3	13	57.5	13	50.2	13	43.0	13	35.9	13	29.1	13	22.4	13	16.2	13	10.2	13	04.6	12	59.3	12	54.0	12	48.9
106	14	16.5	14	12.1	14	04.5	13	57.4	13	50.7	13	43.8	13	35.8	13	29.3	13	24.1	13	19.6	13	14.4	13	06.1	13	00.2	12	56.2
107	14	22.7	14	17.7	14	09.2	14	02.0	13	55.5	13	49.1	13	41.0	13	34.4	13	29.0	13	24.1	13	19.7	13	10.5	13	04.9	13	01.0
108	14	27.4	14	22.3	14	13.7	14	06.4	14	00.0	13	53.6	13	45.5	13	39.0	13	33.7	13	28.3	13	23.1	13	14.9	13	09.5	13	05.5
109	14	31.6	14	26.6	14	18.1	14	10.9	14	04.4	13	58.0	13	49.8	13	43.4	13	38.4	13	32.7	13	26.1	13	19.3	13	14.0	13	09.9
110	14	35.8	14	30.9	14	22.5	14	15.3	14	08.8	14	02.4	13	54.2	13	47.8	13	42.8	13	37.1	13	30.5	13	23.7	13	18.4	13	14.3
111	14	39.6	14	35.1	14	27.0	14	19.8	14	13.3	14	06.9	13	58.7	13	52.3	13	47.3	13	41.6	13	35.0	13	28.2	13	22.9	13	19.0
112	14	43.6	14	39.3	14	31.4	14	24.2	14	17.7	14	11.3	14	05.1	13	56.7	13	51.7	13	46.4	13	40.3	13	32.7	13	27.3	13	23.7
113	14	47.3	14	43.6	14	36.2	14	28.8	14	22.1	14	15.8	14	09.6	14	01.2	13	56.2	13	50.7	13	44.1	13	37.1	13	31.7	13	27.5
114	14	51.8	14	48.0	14	40.4	14	32.6	14	26.3	14	20.6	14	12.0	14	05.6	14	00.6	13	54.9	13	48.3	13	41.5	13	36.2	13	32.1
115	14	56.2	14	52.5	14	44.7	14	36.6	14	30.2	14	24.6	14	16.6	14	10.1	14	04.7	13	53.3	13	46.3	13	39.3	13	34.0	13	30.5
116	15	00.3	14	57.0	14	49.7	14	41.7	14	34.9	14	28.6	14	21.0	14	14.4	14	08.7	14	03.3	13	57.3	13	50.8	13	45.6	13	41.5
117	15	04.4	15	01.1	14	53.9	14	46.0	14	39.5	14	33.2	14	25.6	14	18.8	14	13.0	14	07.6	14	01.8	13	55.5	13	50.3	13	45.8
118	15	09.0	15	05.5	14	58.2	14	50.6	14	44.1	14	37.9	14	30.1	14	23.3	14	17.5	14	12.0	14	06.2	14	00.1	13	55.0	13	50.0
119	15	13.8	15	10.4	15	03.1	14	55.3	14	48.6	14	42.8	14	34.6	14	27.8	14	22.0	14	16.4	14	10.7	14	04.6	13	59.5	13	54.4
120	15	18.1	15	14.8	15	07.5	14	59.4	14	52.8	14	46.8	14	39.0	14	32.2	14	26.4	14	21.0	14	15.1	14	08.9	14	03.7	13	59.1
121	15	22.3	15	19.4	15	12.3	15	03.9	14	57.2	14	51.3	14	43.7	14	36.9	14	31.0	14	25.6	14	19.6	14	13.1	14	07.8	14	03.5
122	15	26.0	15	23.5	15	17.0	15	08.8	15	02.0	14	55.7	14	48.7	14	41.9	14	35.6	14	30.1	14	23.9	14	17.2	14	11.9	14	07.7
123	15	31.2	15	28.1	15	21.0	15	12.9	15	06.3	15	00.2	14	53.2	14	46.6	14	40.3	14	34.7	14	28.4	14	21.5	14	16.1	14	12.2
124	15	36.7	15	33.0	15	25.3	15	17.2	15	10.6	15	04.6	14	51.9	14	45.1	14	38.9	14	33.6	14	27.3	14	20.3	14	15.2	14	11.1
125	15	40.6	15	37.1	15	29.8	15	22.2	15	15.5	15	09.2	15	01.9	14	55.5	14	49.8	14	43.9	14	37.8	14	30.5	14	25.2	14	21.5
126	15	45.1	15	41.7	15	34.5	15	26.7	15	19.9	15	13.5	15	06.3	14	59.9	14	54.1	14	48.2	14	42.1	14	35.1	14	29.9	14	25.1
127	15	49.7	15	46.4	15	39.2	15	31.1	15	24.4	15	18.1	15	10.8	15	04.3	14	58.6	14	52.6	14	46.2	14	39.7	14	34.5	14	29.9
128	15	54.6	15	51.0	15	43.4	15	35.5	15	28.9	15	22.9	15	15.4	15	08.8	15	03.1	14	57.1	14	50.7	14	44.2	14	39.0	14	34.4
129	15	59.7	15	55.7	15	47.7	15	39.6	15	33.1	15	27.3	15	19.8	15	13.3	15	07.5	15	01.4	14	54.9	14	48.5	14	43.5	14	38.9
130	16	03.8	16	00.2	15	52.5	15	44.2	15	37.5	15	31.5	15	23.8	15	17.4	15	11.9	15	05.5	14	59.0	14	52.9	14	48.0	14	43.4
131	16	08.2	16	04.6	15	56.9	15	48.6	15	41.9	15	35.7	15	28.0	15	21.7	15	16.3	15	10.1	15	03.5	14	57.1	14	52.1	14	47.7
132	16	13.7	16	09.8	16	01.4	15	52.4	15	45.9	15	40.5	15	32.9	15	26.6	15	20.9	15	14.2	15	07.5	15	01.3	14	56.4	14	52.2
133	16	19.3	16	14.9	16	05.9	15	56.7	15	50.3	15	45.1	15	37.5	15	31.2	15	25.5	15	18.6	15	11.9	15	05.7	15	00.9	14	56.0
134	16	24.4	16	19.7	16	10.4	16	01.2	15	54.7	15	49.2	15	41.9	15	35.6	15	29.9	15	23.5	15	16.9	15	10.6	15	05.6	15	01.3
135	16	29.2	16	24.2	16	14.8	16	05.8	16	04.1	15	58.3	15	51.0	15	44.4	15	39.9	15	33.7	15	26.3	15	19.6	15	14.6	15	11.0
136	16	33.7	16	28.6	16	19.3	16	10.6	16	04.1	15	58.3	15	51.0	15	44.4	15	39.9	15	33.7	15	26.3	15	19.6	15	14.6	15	11.0
137	16	38.3	16	33.0	16	23.7	16	15.3	16	08.6	16	02.4	15	55.2	15	48.8	15	43.1	15	37.8	15	31.2	15	23.9	15	18.5	15	15.3
138	16	42.9	16	37.5	16	28.2	16	20.1	16	13.3	16	06.9	15	59.7	15	53.3	15	47.6	15	42.0	15	35.3	15	28.3	15	23.0	15	19.8
139	16	47.3	16	41.9	16	32.6	16	24.5	16	17.7	16	11.3	16	04.1	15	57.7	15	52.0	15	46.2	15	39.5	15	32.7	15	27.5	15	24.0
140	16	51.8	16	46.4	16	37.1	16	29.0	16	22.2	16	15.7	16	08.7	16	02.2	15	56.2	15	50.4	15	44.0	15	37.2	15	31.8	15	27.9
141	16	56.1	16	50.8	16	41.5	16	33.3	16	26.7	16	20.6	16	13.2	16	06.6	16	00.8	15	55.0	15	48.4	15	41.6	15	36.3	15	32.2
142	17	00.5	16	55.2	16	46.0	16	37.7	16	31.2	16	25.6	16	17.7	16	11.1	16	05.4	15	59.5	15	52.9	15	46.1	15	40.8	15	36.7
143	17	06.1	17	00.1	16	50.2	16	42.1	16	35.8	16	30.1	16	22.2	16	15.5	16	09.8	16	03.9	15	57.3	15	50.5	15	45.2	15	40.9
144	17	11.7	17	04.8	16	54.3	16	46.2	16	40.2	16	34.6	16	26.7	16	19.9	16	14.2	16	08.3	16	01.7	15	54.9	15	49.5	15	45.0
145	17	16.2	17	09.2	16	58.4	16	50.2	16	44.4	16	39.3	16	31.2	16	24.4	16	18.7	16	12.8	16	06.2	15	59.4	15	53.9	15	49.9

TIMES OF P BRANCH DIFF

Δ	Depth h =													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
146	m 17 20.5	m 17 13.7	m 17 03.3	m 16 55.3	m 16 49.2	m 16 43.4	m 16 35.5	m 16 28.8	m 16 23.1	m 16 17.2	m 16 10.6	m 16 03.9	m 15 58.4	m 15 53.6
147	s 17 25.0	s 17 18.2	s 17 07.7	s 16 59.7	s 16 53.6	s 16 47.9	s 16 40.0	s 16 33.3	s 16 27.6	s 16 21.7	s 16 15.1	s 16 08.3	s 16 03.0	s 15 58.7
148	s 17 30.0	s 17 22.9	s 17 12.1	s 17 04.1	s 16 58.1	s 16 52.4	s 16 44.4	s 16 37.7	s 16 32.1	s 16 26.1	s 16 19.5	s 16 12.8	s 16 07.5	s 16 03.4
149	s 17 33.8	s 17 27.3	s 17 17.0	s 17 08.8	s 17 02.4	s 16 56.8	s 16 49.3	s 16 42.5	s 16 36.6	s 16 31.0	s 16 24.4	s 16 17.3	s 16 11.8	s 16 07.8
150	s 17 38.1	s 17 31.5	s 17 21.2	s 17 13.2	s 17 06.9	s 17 01.3	s 16 53.9	s 16 47.1	s 16 41.1	s 16 35.6	s 16 29.0	s 16 21.8	s 16 16.1	s 16 12.3

Depth  $h =$

$\Delta$	Surface	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12
0.0	m 10.7	s 09.2	m 23.6	s 37.7	m 51.5	s 05.1	m 18.3	s 31.2	m 43.6	s 55.5	m 06.9	s 17.9	m 28.6	s 39.0
0.5	s 23.4	s 18.1	s 27.5	s 40.0	s 53.0	s 06.3	s 19.2	s 32.0	s 44.3	s 56.0	s 07.4	s 18.3	s 29.0	s 39.4
1.0	s 36.1	s 30.8	s 35.8	s 45.7	s 57.4	s 09.7	s 21.9	s 34.2	s 46.3	s 57.6	s 08.6	s 19.6	s 30.2	s 40.4
1.5	s 48.8	s 43.5	s 46.6	s 54.1	s 03.9	s 14.8	s 26.3	s 37.9	s 49.4	s 00.3	s 11.2	s 21.7	s 32.1	s 42.4
2.0	s 01.5	s 56.1	s 57.2	s 03.8	s 11.9	s 21.5	s 32.0	s 42.8	s 53.6	s 04.1	s 14.4	s 24.6	s 34.6	s 44.4
2.5	s 14.2	s 08.8	s 09.5	s 14.4	s 21.1	s 29.5	s 38.7	s 48.7	s 58.8	s 08.7	s 18.4	s 28.2	s 37.8	s 47.3
3.0	s 26.9	s 21.5	s 21.8	s 25.5	s 31.1	s 38.2	s 46.5	s 55.5	s 04.8	s 14.0	s 23.2	s 32.4	s 41.5	s 50.7
3.5	s 39.6	s 34.2	s 34.1	s 36.9	s 41.4	s 47.6	s 54.9	s 03.0	s 11.5	s 20.0	s 28.6	s 37.2	s 46.0	s 54.6
4.0	s 52.2	s 46.9	s 46.4	s 48.5	s 52.2	s 57.8	s 03.9	s 11.1	s 18.6	s 26.6	s 34.6	s 42.6	s 50.2	s 59.1
4.5	s 04.9	s 59.5	s 58.7	s 00.1	s 03.2	s 07.5	s 13.3	s 19.7	s 26.6	s 33.6	s 41.0	s 48.4	s 56.2	s 04.1
5.0	s 17.5	s 12.1	s 11.1	s 11.9	s 23.8	s 28.9	s 23.0	s 28.6	s 34.9	s 41.2	s 47.8	s 54.8	s 02.0	s 09.4
5.5	s 30.1	s 24.7	s 23.4	s 23.8	s 25.7	s 28.9	s 33.0	s 37.8	s 43.5	s 49.1	s 55.1	s 01.3	s 08.1	s 15.0
6.0	s 42.6	s 37.2	s 35.7	s 35.7	s 37.1	s 39.7	s 43.2	s 47.4	s 52.4	s 57.4	s 02.7	s 08.3	s 14.6	s 20.9
6.5	s 05.1	s 49.7	s 48.0	s 47.6	s 48.6	s 50.7	s 53.6	s 57.4	s 01.6	s 05.9	s 10.6	s 15.6	s 20.9	s 27.0
7.0	s 07.6	s 02.1	s 00.2	s 59.6	s 00.1	s 01.7	s 04.1	s 07.5	s 10.9	s 14.6	s 18.7	s 23.1	s 28.2	s 33.4
7.5	s 20.1	s 14.6	s 12.5	s 11.6	s 11.6	s 12.0	s 14.7	s 17.6	s 20.4	s 23.5	s 27.1	s 30.8	s 35.4	s 40.0
8.0	s 32.4	s 27.0	s 24.7	s 23.5	s 23.2	s 23.9	s 25.4	s 27.7	s 30.0	s 32.5	s 35.6	s 38.8	s 42.8	s 45.9
8.5	s 45.1	s 39.5	s 36.9	s 35.4	s 34.7	s 35.0	s 36.1	s 38.0	s 39.7	s 41.6	s 44.2	s 46.9	s 50.4	s 54.0
9.0	s 57.5	s 51.9	s 49.1	s 47.2	s 46.2	s 46.2	s 46.9	s 48.3	s 49.4	s 50.8	s 52.9	s 55.2	s 58.1	s 01.4
9.5	s 09.9	s 04.3	s 01.2	s 59.0	s 57.7	s 57.4	s 57.7	s 58.7	s 59.2	s 00.1	s 01.7	s 03.5	s 05.9	s 08.9
10	s 22.2	s 16.6	s 13.2	s 10.8	s 09.2	s 08.6	s 08.6	s 09.1	s 09.0	s 09.4	s 10.5	s 11.3	s 13.8	s 16.5
11	s 46.7	s 41.0	s 37.2	s 34.3	s 32.3	s 31.0	s 30.2	s 30.0	s 28.7	s 28.1	s 28.3	s 28.9	s 30.0	s 31.9
12	s 11.1	s 05.3	s 01.1	s 57.7	s 55.2	s 53.3	s 51.8	s 50.9	s 48.3	s 46.8	s 46.0	s 45.9	s 46.4	s 47.5
13	s 35.3	s 29.4	s 24.8	s 21.0	s 17.9	s 15.4	s 13.4	s 11.0	s 07.6	s 05.2	s 03.7	s 03.0	s 02.8	s 03.3
14	s 59.2	s 53.3	s 48.3	s 44.0	s 40.3	s 37.3	s 35.0	s 30.8	s 26.7	s 23.6	s 21.5	s 20.1	s 19.3	s 19.2
15	s 22.9	s 16.9	s 11.8	s 06.8	s 02.6	s 59.1	s 55.2	s 50.1	s 45.6	s 41.9	s 39.1	s 37.0	s 35.7	s 35.1
16	s 46.4	s 40.2	s 34.6	s 29.4	s 24.8	s 20.6	s 14.5	s 09.0	s 04.0	s 59.8	s 56.4	s 53.7	s 51.9	s 51.0
17	s 09.5	s 03.3	s 57.3	s 51.7	s 46.5	s 40.2	s 33.5	s 27.6	s 22.1	s 17.4	s 13.5	s 08.9	s 08.2	s 06.9
18	s 32.3	s 26.0	s 19.4	s 13.6	s 06.7	s 59.3	s 52.3	s 45.8	s 39.7	s 34.5	s 30.3	s 26.9	s 24.4	s 22.7
19	s 54.9	s 48.5	s 41.4	s 34.0	s 25.8	s 18.0	s 10.6	s 03.5	s 57.0	s 51.5	s 47.0	s 43.2	s 40.4	s 38.5
20	s 17.1	s 10.6	s 01.6	s 52.7	s 44.3	s 36.1	s 28.3	s 20.8	s 14.0	s 08.2	s 03.5	s 59.4	s 56.3	s 54.1
21	s 37.4	s 30.0	s 20.5	s 11.3	s 02.3	s 53.7	s 45.5	s 37.8	s 30.8	s 24.8	s 19.7	s 15.6	s 12.2	s 09.7
22	s 56.2	s 48.7	s 38.7	s 29.1	s 19.8	s 10.9	s 03.5	s 54.5	s 47.3	s 41.1	s 35.9	s 31.5	s 28.0	s 25.3
23	s 14.4	s 06.8	s 56.3	s 46.3	s 36.8	s 27.8	s 19.1	s 11.0	s 03.6	s 57.2	s 51.8	s 47.2	s 43.6	s 40.8
24	s 31.9	s 24.3	s 13.5	s 03.2	s 53.6	s 44.4	s 35.6	s 27.2	s 19.7	s 13.2	s 07.6	s 02.9	s 59.1	s 56.3
25	s 49.9	s 41.3	s 30.3	s 20.0	s 10.1	s 00.7	s 51.8	s 43.3	s 35.7	s 29.0	s 23.0	s 18.5	s 14.7	s 11.8
26	s 05.6	s 57.8	s 46.9	s 30.5	s 26.5	s 16.8	s 07.8	s 59.3	s 51.6	s 44.5	s 39.0	s 34.1	s 30.2	s 27.2
27	s 22.1	s 14.2	s 03.2	s 52.7	s 42.5	s 32.8	s 23.7	s 15.1	s 07.3	s 00.4	s 54.5	s 49.0	s 45.6	s 42.5
28	s 38.2	s 30.3	s 19.4	s 08.8	s 58.5	s 48.7	s 39.5	s 30.8	s 22.9	s 16.0	s 10.1	s 05.1	s 01.0	s 57.8
29	s 54.3	s 46.3	s 35.3	s 24.7	s 14.4	s 04.5	s 55.2	s 46.4	s 38.5	s 31.5	s 25.5	s 20.5	s 16.3	s 12.9

Depth  $h =$ 

$\lambda$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
30	11	10.2	11	02.2	10	51.1	10	40.4	10	30.1	10	20.2	10	10.9	10	02.0	9	54.0	9	47.0	9	41.0	9	35.9	9	31.6	9	28.0
31	11	26.0	11	17.9	11	06.8	10	56.1	10	45.8	10	35.8	10	26.5	10	17.5	10	09.5	10	02.5	9	56.4	9	51.1	9	46.7	9	43.0
32	11	41.6	11	33.6	11	22.5	11	11.7	11	01.3	10	51.3	10	42.0	10	33.0	10	24.9	10	17.8	10	11.6	10	06.3	10	01.7	9	57.9
33	11	57.2	11	49.2	11	38.0	11	27.3	11	16.8	11	06.8	10	57.4	10	48.4	10	40.3	10	33.2	10	26.8	10	21.4	10	16.7	9	12.7
34	12	12.7	12	04.7	11	53.5	11	42.7	11	32.3	11	22.2	11	12.7	11	03.7	10	55.6	10	48.4	10	41.9	10	36.3	10	31.5	10	27.4
35	12	28.2	12	20.2	12	08.9	11	58.1	11	47.6	11	37.5	11	28.0	11	18.9	11	10.8	11	03.5	10	56.9	10	51.2	10	46.2	10	42.0
36	12	43.7	12	35.6	12	24.3	12	13.4	12	02.9	11	52.7	11	43.2	11	34.0	11	25.8	11	18.4	11	11.8	11	05.9	11	00.8	10	56.5
37	12	59.0	12	51.0	12	39.5	12	28.6	12	18.1	12	07.9	11	58.2	11	49.0	11	40.8	11	33.3	11	26.5	11	20.6	11	15.4	11	10.9
38	13	13.3	13	06.2	12	54.4	12	43.8	12	33.1	12	22.9	12	13.2	12	03.9	11	55.6	11	48.0	11	41.1	11	35.1	11	29.8	11	25.2
39	13	29.4	13	21.4	13	09.6	12	58.8	12	48.1	12	37.9	12	28.0	12	18.7	12	10.3	12	02.6	11	55.7	11	49.6	11	44.2	11	39.4
40	13	44.5	13	36.4	13	24.8	13	13.7	13	03.0	12	52.7	12	42.8	12	33.4	12	24.9	12	17.1	12	10.1	12	03.9	12	03.9	12	07.6
41	13	59.4	13	51.3	13	39.6	13	28.5	13	17.7	13	07.4	12	57.4	12	48.0	12	39.4	12	31.5	12	24.4	12	32.3	12	26.6	12	21.5
42	14	14.2	14	06.1	13	54.4	13	43.1	13	32.3	13	21.9	13	11.9	13	02.4	12	53.7	12	45.8	12	38.6	12	46.3	12	40.6	12	35.4
43	14	28.9	14	20.7	14	09.0	13	57.7	13	46.8	13	36.4	13	26.3	13	16.7	13	08.0	13	00.0	12	52.7	12	46.3	12	40.6	12	35.4
44	14	43.4	14	35.3	14	23.5	14	12.2	14	01.2	13	50.8	13	40.6	13	31.0	13	22.1	13	14.1	13	06.0	13	00.2	12	54.4	12	49.2
45	14	57.9	14	49.7	14	37.9	14	25.5	14	15.5	14	05.0	13	54.8	13	45.1	13	36.2	13	28.1	13	20.7	13	14.1	13	08.2	13	02.9
46	15	12.2	15	04.0	14	52.2	14	40.7	14	29.7	14	19.2	14	08.9	14	59.1	14	50.2	14	42.0	13	34.6	13	27.9	13	21.9	13	16.5
47	15	26.5	15	18.2	15	06.4	14	54.9	14	43.8	14	33.2	14	22.9	14	13.1	14	04.1	14	35.9	14	28.4	14	21.6	14	15.6	14	10.0
48	15	40.6	15	32.4	15	20.4	15	08.9	14	57.9	14	47.2	14	36.9	14	26.9	14	17.9	14	09.6	14	02.1	14	55.2	14	49.0	14	43.4
49	15	54.7	15	46.4	15	34.4	15	22.9	15	11.8	15	01.0	14	50.7	14	40.6	14	31.6	14	23.2	14	15.7	14	08.8	14	02.5	13	56.8
50	16	08.6	16	00.3	15	48.3	15	36.7	15	25.6	15	14.8	15	04.4	14	54.3	14	45.2	14	36.8	14	29.2	14	22.2	14	15.8	14	10.0
51	16	22.4	16	14.1	16	02.1	15	50.5	15	39.3	15	28.5	15	18.0	15	07.9	14	58.7	14	50.3	14	42.6	14	35.5	14	29.0	14	23.2
52	16	36.2	16	27.9	16	15.8	16	04.1	15	52.9	15	42.0	15	31.5	15	21.4	15	12.2	15	03.7	14	55.0	14	48.7	14	42.2	14	36.2
53	16	49.8	16	41.5	16	29.4	16	17.7	16	06.4	15	55.5	15	45.0	15	34.8	15	25.5	15	16.9	15	09.1	15	01.5	14	55.2	14	49.2
54	17	03.4	16	55.1	16	42.9	16	31.1	16	19.8	16	08.8	15	58.3	15	48.1	15	38.8	15	30.1	15	22.2	15	14.9	15	08.2	15	02.0
55	17	16.6	17	08.5	16	56.3	16	44.5	16	33.1	16	22.1	16	11.5	16	01.3	15	51.9	15	43.2	15	35.2	15	27.8	15	21.0	15	14.8
56	17	30.2	17	21.9	17	09.6	16	57.8	16	46.3	16	35.3	16	24.6	16	14.4	16	04.9	15	56.2	15	48.1	15	40.6	15	33.7	15	27.4
57	17	43.4	17	35.1	17	22.8	17	10.9	16	59.5	16	48.4	16	37.7	16	27.4	16	17.9	16	09.0	16	00.9	15	53.4	15	46.4	15	40.0
58	17	56.6	17	48.2	17	35.9	17	24.0	17	12.5	17	01.4	16	50.6	16	40.3	16	30.7	16	21.8	16	13.6	16	06.0	15	58.9	15	52.4
59	18	09.7	18	01.3	17	48.9	17	37.0	17	25.5	17	14.3	17	03.5	16	53.0	16	43.4	16	34.5	16	26.2	16	18.6	16	11.4	16	04.7
60	18	22.6	18	14.2	18	01.8	17	49.8	17	38.3	17	27.1	17	16.2	17	05.7	16	56.0	16	47.0	16	38.7	16	31.0	16	23.7	16	16.9
61	18	35.4	18	27.0	18	14.6	18	02.5	17	51.0	17	39.7	17	28.8	17	18.2	17	08.5	16	59.4	16	51.1	16	43.3	16	35.9	16	29.0
62	18	48.1	18	39.7	18	27.2	18	15.1	18	03.5	17	52.2	17	41.3	17	30.7	17	20.9	17	11.7	17	03.3	16	55.5	16	48.0	16	41.1
63	19	00.7	18	52.2	18	39.8	18	27.6	18	16.0	18	04.6	17	53.6	17	43.0	17	33.1	17	23.9	17	15.5	17	07.5	17	00.0	16	53.0
64	19	13.2	19	04.7	18	52.2	18	40.0	18	28.3	18	16.6	18	05.9	17	55.2	17	45.3	17	36.0	17	27.5	17	19.5	17	11.9	17	04.8
65	19	25.5	19	17.0	19	04.5	18	52.3	18	40.5	18	29.1	18	18.0	18	07.3	17	57.3	17	48.0	17	39.4	17	31.3	17	23.7	17	16.5
66	19	37.8	19	29.2	19	16.7	19	04.5	18	52.6	18	41.2	18	30.1	18	19.3	18	09.2	17	59.9	17	51.2	17	43.0	17	35.3	17	28.1
67	19	49.9	19	41.3	19	28.8	19	16.5	19	04.7	18	53.2	18	42.0	18	31.2	18	21.1	18	11.6	18	02.9	17	54.6	17	46.9	17	39.5
68	20	01.9	19	53.3	19	40.2	19	28.4	19	16.6	19	05.0	18	53.8	18	42.9	18	32.8	18	23.3	18	14.4	18	06.1	17	58.3	17	50.9
69	20	13.8	20	05.2	19	52.7	19	40.2	19	28.3	19	16.0	19	05.5	18	54.6	18	44.3	18	34.8	18	25.9	18	17.5	18	09.6	18	02.1

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
70	20	25.6	20	17.0	20	04.4	19	51.9	19	40.0	19	28.4	19	17.1	19	06.1	18	55.8	18	46.2	18	37.2	18	28.8	18	20.8	18	13.2
71	20	37.3	20	26.6	20	15.9	20	03.4	19	51.5	19	39.9	19	28.5	19	17.5	19	07.1	18	57.5	18	48.4	18	40.0	18	31.0	18	24.2
72	20	48.8	20	40.2	20	27.4	20	14.8	20	02.9	19	51.2	19	39.8	19	28.7	19	18.3	19	08.6	19	59.5	19	51.1	19	42.9	19	35.1
73	21	00.2	20	51.6	20	38.7	20	26.1	20	14.1	20	02.4	19	51.0	19	39.8	19	29.4	19	19.6	19	10.5	19	02.0	18	53.7	18	45.9
74	21	11.4	21	02.8	20	49.8	20	37.3	20	25.2	20	13.4	20	02.0	19	50.8	19	40.4	19	30.5	19	21.4	19	12.9	19	04.5	18	56.5
75	21	22.6	21	14.0	21	00.9	20	48.3	20	36.2	20	24.4	20	12.9	20	01.7	19	51.2	19	41.3	19	32.2	19	23.6	19	15.1	19	07.1
76	21	33.6	21	25.0	21	11.9	20	59.3	20	47.1	20	35.3	20	23.7	20	12.5	20	01.9	19	52.0	19	42.9	19	34.2	19	25.6	19	17.6
77	21	44.5	21	35.9	21	22.8	21	10.1	20	57.9	20	46.0	20	34.4	20	23.1	20	12.6	20	02.6	19	53.4	19	44.6	19	36.1	19	27.9
78	21	55.3	21	46.7	21	33.5	21	20.8	21	08.5	20	56.6	20	45.0	20	33.7	20	23.1	20	13.0	20	03.8	19	54.9	19	46.4	19	38.2
79	22	06.0	21	57.3	21	44.2	21	31.4	21	19.1	21	07.1	20	55.5	20	44.1	20	33.4	20	23.4	20	14.1	20	05.1	19	56.6	19	48.3
80	22	16.5	22	07.8	21	54.7	21	41.9	21	29.5	21	17.5	21	05.8	20	54.4	20	43.7	20	33.6	20	24.2	20	15.2	20	06.6	19	58.3
81	22	26.9	22	18.2	22	05.1	21	52.2	21	39.8	21	27.7	21	16.0	21	04.6	20	53.8	20	43.7	20	34.2	20	25.1	20	16.5	20	08.1
82	22	37.2	22	28.5	22	15.5	22	02.4	21	49.9	21	37.8	21	26.0	21	14.6	21	03.8	20	53.6	20	44.0	20	35.0	20	26.2	20	17.9
83	22	47.4	22	38.6	22	25.4	22	12.5	22	00.0	21	47.8	21	36.0	21	24.6	21	13.7	21	03.4	20	53.8	20	44.6	20	35.9	20	27.4
84	22	57.4	22	48.6	22	35.4	22	22.4	22	09.9	21	57.6	21	45.7	21	34.4	21	23.4	21	13.1	21	03.3	20	54.2	20	45.3	20	36.9
85	23	07.3	22	58.5	22	45.2	22	32.2	22	19.5	22	07.3	21	55.4	21	44.0	21	33.0	21	22.6	21	12.8	21	03.6	20	54.7	20	46.2
86	23	17.0	23	08.2	22	54.9	22	41.9	22	29.2	22	16.8	22	04.9	21	53.5	21	42.4	21	32.0	21	22.1	21	12.8	21	03.9	20	55.3
87	23	26.6	23	17.8	23	04.4	22	51.3	22	38.6	22	26.5	22	14.3	22	02.8	21	51.7	21	41.2	21	31.3	21	21.9	21	13.0	21	04.4
88	23	36.0	23	27.2	23	13.8	23	00.7	22	48.0	22	35.5	22	23.5	22	12.0	22	00.9	21	50.3	21	40.4	21	30.9	21	21.9	21	13.3
89	23	45.3	23	36.5	23	23.1	23	09.9	22	57.1	22	44.7	22	32.6	22	21.1	22	09.9	21	59.3	21	49.3	21	39.8	21	30.8	21	22.1
90	23	54.5	23	45.7	23	32.2	23	19.0	23	06.2	22	53.7	22	41.5	22	30.0	22	18.8	22	08.2	21	58.2	21	48.6	21	39.5	21	30.8
91	24	03.4	23	54.6	23	41.1	23	27.9	23	15.1	23	02.5	22	50.4	22	38.8	22	27.6	22	16.9	22	06.9	21	57.3	21	48.1	21	39.4
92	24	12.3	24	03.4	23	49.9	23	36.7	23	23.8	23	11.3	22	59.1	22	47.5	22	36.2	22	25.6	22	15.5	22	05.9	21	56.7	21	47.9
93	24	21.0	24	12.2	23	58.6	23	45.4	23	32.5	23	19.9	23	07.3	22	56.1	22	44.8	22	34.2	22	24.1	22	14.4	22	05.2	21	56.4
94	24	29.7	24	20.8	24	07.2	23	54.0	23	41.1	23	29.5	23	16.3	23	04.6	22	53.3	22	42.7	22	32.6	22	22.9	22	13.6	22	04.8
95	24	38.2	24	29.3	24	15.7	24	02.5	23	49.6	23	37.0	23	24.8	23	13.1	23	01.8	22	51.1	22	41.0	22	31.3	22	22.0	22	13.2
96	24	46.7	24	37.8	24	24.2	24	11.0	23	58.1	23	45.5	23	33.3	23	21.6	23	10.3	22	59.5	22	49.4	22	39.7	22	30.4	22	21.6
97	24	55.2	24	46.3	24	32.7	24	19.5	24	06.6	23	53.9	23	41.7	23	30.0	23	18.7	23	07.9	22	57.8	22	48.1	22	38.7	22	29.9
98	25	03.6	24	54.7	24	41.1	24	27.9	24	15.0	24	02.4	23	50.2	23	38.4	23	27.1	23	16.3	23	06.1	22	56.4	22	47.1	22	38.3
99	25	12.0	25	03.1	24	49.5	24	36.2	24	23.3	24	10.7	23	58.5	23	46.8	23	35.5	23	24.7	23	14.5	23	04.8	22	55.5	22	46.7
100	25	20.4	25	11.5	24	57.9	24	44.6	24	31.7	24	19.1	24	06.9	23	55.1	23	43.9	23	33.0	23	22.9	23	13.2	23	03.9	22	55.1
101	25	28.8	25	19.9	25	06.3	24	53.0	24	40.1	24	27.4	24	15.3	24	03.4	23	52.2	23	41.4	23	31.2	23	21.5	23	12.2	23	03.4
102	25	37.1	25	28.2	25	14.6	25	01.3	24	48.4	24	35.8	24	23.6	24	11.8	24	00.5	23	49.7	23	39.5	23	29.8	23	20.5	23	11.7
103	25	45.5	25	36.6	25	23.0	25	09.7	24	56.8	24	44.1	24	31.9	24	20.1	24	08.8	23	58.0	23	47.6	23	38.1	23	28.8	23	20.0
104	25	53.8	25	44.9	25	31.3	25	18.0	25	05.1	24	52.4	24	40.2	24	28.4	24	17.1	24	06.3	23	56.1	23	46.4	23	36.8	23	28.0
105	26	02.1	25	53.2	25	39.6	25	26.3	25	13.3	25	00.7	24	48.5	24	36.7	24	25.4	24	14.6								
106	26	10.4	26	01.5	25	47.8	25	34.6	25	21.7	25	09.0																
107	26	18.7	26	09.8	25	56.2																						

TIMES OF PP BRANCH

Depth  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
10	m 2 36.0	m 2 33.0	m 2 33.0	m 4 50.0	m 4 49.0	m 6 57.0	m 6 56.0	m 6 57.0	m 6 56.0	m 6 56.0	m 7 36.0	m 8 15.0	m 8 34.0	m 9 19.0
11	2 50.0	2 46.8	2 46.9	5 03.4	5 02.5	7 09.4	7 07.9	7 08.0	7 06.6	7 05.8	7 40.9	8 22.3	8 34.0	9 27.8
12	3 05.0	3 01.7	3 01.8	5 15.8	5 14.9	7 22.0	7 20.0	7 19.0	7 19.0	7 16.0	7 40.9	8 34.0	8 21.8	9 36.6
13	3 19.0	3 15.5	3 15.7	5 29.3	5 28.4	7 34.5	7 32.1	7 30.0	7 27.4	7 26.4	7 36.0	8 22.3	8 16.0	9 44.7
14	3 33.0	3 29.4	3 29.5	5 42.8	5 41.9	7 46.0	7 43.0	7 40.0	7 37.0	7 36.0	7 46.6	8 15.0	8 19.7	9 53.8
15	3 47.0	3 43.3	3 43.3	5 55.4	5 54.4	7 57.9	7 54.4	7 51.0	7 47.8	7 46.6	7 55.0	8 15.0	8 39.0	10 03.0
16	4 01.0	3 57.2	3 57.1	6 08.0	6 06.9	8 08.0	8 04.0	8 01.0	7 58.0	7 56.0	8 05.2	8 22.3	8 19.0	9 58.5
17	4 15.0	4 11.1	4 10.8	6 21.6	6 20.5	8 18.7	8 14.7	8 11.9	8 08.9	8 07.1	8 15.0	8 34.0	8 21.8	10 06.0
18	4 28.0	4 24.1	4 23.6	6 34.3	6 33.0	8 29.0	8 25.0	8 22.0	8 19.0	8 17.0	8 25.7	8 47.6	8 34.0	9 29.3
19	4 42.0	4 38.0	4 37.3	6 47.1	6 45.5	8 39.8	8 35.8	8 32.4	8 29.4	8 27.9	8 35.0	8 54.2	8 41.0	9 38.7
20	4 56.0	4 52.0	4 51.0	7 00.0	6 58.0	8 50.5	8 46.0	8 42.0	8 39.0	8 37.0	8 44.0	9 02.4	8 47.6	9 47.1
21	5 10.0	5 06.0	5 04.7	7 13.3	7 10.6	9 01.3	8 96.1	8 91.7	8 88.0	8 86.0	8 93.3	9 11.0	8 54.2	9 56.5
22	5 23.0	5 19.0	5 17.5	7 26.0	7 23.0	9 14.5	9 09.1	9 04.7	9 01.3	8 98.0	9 05.2	9 23.0	9 10.0	10 08.0
23	5 37.0	5 33.0	5 31.2	7 38.5	7 35.4	9 27.9	9 22.5	9 18.1	9 14.7	9 12.0	9 19.0	9 37.0	9 24.0	10 11.0
24	5 51.0	5 47.0	5 45.0	7 50.0	7 47.0	9 39.8	9 34.4	9 29.0	9 25.6	9 22.3	9 29.0	9 47.0	9 34.0	10 14.0
25	6 04.0	6 00.0	5 57.7	8 02.8	7 59.8	9 49.6	9 44.2	9 38.8	9 35.4	9 32.1	9 38.8	9 56.5	9 43.0	10 17.0
26	6 17.0	6 13.0	6 10.5	8 15.0	8 12.0	9 59.0	9 53.6	9 48.2	9 44.8	9 41.4	9 48.1	10 06.0	9 53.0	10 20.0
27	6 31.0	6 27.0	6 24.3	8 27.9	8 24.6	10 08.0	10 02.6	9 57.2	9 53.8	9 50.4	9 57.1	10 15.0	10 02.0	10 23.0
28	6 44.0	6 40.0	6 37.2	8 39.8	8 36.0	10 19.3	10 13.9	10 08.5	10 05.1	10 01.7	10 08.4	10 26.0	10 13.0	10 26.0
29	6 57.0	6 53.0	6 50.1	8 50.5	8 46.0	10 29.5	10 24.1	10 18.7	10 15.3	10 11.9	10 18.6	10 35.0	10 22.0	10 29.0
30	7 10.0	7 06.0	7 03.0	9 01.3	8 96.1	10 39.0	10 33.6	10 28.2	10 24.8	10 21.4	10 28.1	10 45.0	10 32.0	10 35.0
31	7 23.0	7 19.0	7 16.3	9 14.5	9 10.6	10 52.0	10 46.6	10 41.2	10 37.8	10 34.4	10 41.1	10 58.0	10 45.0	10 38.0
32	7 36.0	7 32.0	7 29.0	9 27.9	9 23.0	11 04.5	10 99.1	10 93.7	10 89.3	10 85.9	10 92.6	11 09.0	10 96.0	10 41.0
33	7 49.0	7 45.0	7 41.5	9 39.8	9 35.4	11 17.9	11 12.5	11 07.1	11 02.7	10 98.3	11 05.0	11 22.0	11 09.0	10 44.0
34	8 01.0	7 57.0	7 53.0	9 50.5	9 46.0	11 30.8	11 25.4	11 20.0	11 15.6	11 11.2	11 17.9	11 34.0	11 21.0	10 47.0
35	8 14.0	8 10.0	8 05.8	10 02.8	9 98.0	11 43.8	11 38.4	11 33.0	11 28.6	11 24.2	11 30.9	11 47.0	11 34.0	10 50.0
36	8 26.0	8 22.0	8 18.0	10 15.0	10 10.6	11 56.8	11 51.4	11 46.0	11 41.6	11 37.2	11 43.9	12 00.0	11 47.0	10 53.0
37	8 39.0	8 35.0	8 31.4	10 27.9	10 23.0	12 09.8	12 04.4	11 99.0	11 94.6	11 90.2	11 96.9	12 13.0	12 00.0	10 56.0
38	8 51.0	8 47.0	8 43.0	10 39.8	10 35.4	12 22.8	12 17.4	12 12.0	12 07.6	12 03.2	12 09.9	12 26.0	12 13.0	10 59.0
39	9 03.0	8 59.0	8 54.1	10 50.5	10 46.0	12 35.8	12 30.4	12 25.0	12 20.6	12 16.2	12 22.9	12 39.0	12 26.0	11 02.0
40	9 14.0	9 10.0	9 04.0	11 01.3	10 96.1	12 48.8	12 43.4	12 38.0	12 33.6	12 29.2	12 35.9	12 52.0	12 39.0	11 05.0
41	9 24.0	9 20.0	9 12.9	11 14.5	11 09.1	12 61.8	12 56.4	12 51.0	12 46.6	12 42.2	12 48.9	13 05.0	12 52.0	11 08.0
42	9 35.0	9 30.9	9 23.1	11 27.9	11 23.0	12 74.8	12 69.4	12 64.0	12 59.6	12 55.2	12 61.9	13 18.0	13 05.0	11 11.0
43	9 45.0	9 40.7	9 32.6	11 39.8	11 35.4	12 87.8	12 82.4	12 77.0	12 72.6	12 68.2	12 74.9	13 31.0	13 18.0	11 14.0
44	9 55.0	9 50.4	9 43.4	11 50.5	11 46.0	12 100.8	12 95.4	12 90.0	12 85.6	12 81.2	12 87.9	13 44.0	13 31.0	11 17.0
45	10 05.0	10 00.0	9 55.0	12 01.3	11 96.1	12 113.8	12 108.4	12 103.0	12 98.6	12 94.2	13 00.9	13 57.0	13 44.0	11 20.0
46	10 15.0	10 10.0	10 05.1	12 14.5	12 09.1	12 126.8	12 121.4	12 116.0	12 111.6	12 107.2	12 113.9	14 00.0	13 57.0	11 23.0
47	10 25.0	10 20.0	10 15.1	12 27.9	12 23.0	12 139.8	12 134.4	12 129.0	12 124.6	12 120.2	12 126.9	14 03.0	13 50.0	11 26.0
48	10 34.0	10 29.0	10 24.1	12 39.8	12 35.4	12 152.8	12 147.4	12 142.0	12 137.6	12 133.2	12 139.9	14 06.0	13 53.0	11 29.0
49	10 44.0	10 39.0	10 34.1	12 50.5	12 46.0	12 165.8	12 160.4	12 155.0	12 150.6	12 146.2	12 152.9	14 09.0	13 56.0	11 32.0
50	10 54.0	10 49.0	10 44.0	13 01.3	12 96.1	12 178.8	12 173.4	12 168.0	12 163.6	12 159.2	12 165.9	14 12.0	13 59.0	11 35.0

Δ	Depth $h =$														
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12	
51	m 11 03.0	m 10 58.0	m 10 52.9	m 10 46.9	m 10 40.9	m 10 35.9	m 10 30.8	m 10 25.7	m 10 22.7	m 10 19.7	m 10 16.6	m 10 14.5	m 10 12.4	m 10 11.3	
52	m 11 12.0	m 11 07.0	m 11 01.9	m 10 55.9	m 10 49.7	m 10 44.7	m 10 39.6	m 10 35.4	m 10 31.5	m 10 28.3	m 10 25.2	m 10 23.0	m 10 20.9	m 10 19.7	
53	m 11 22.0	m 11 17.0	m 11 11.8	m 11 05.8	m 10 59.6	m 10 54.6	m 10 49.4	m 10 45.2	m 10 41.2	m 10 38.0	m 10 34.8	m 10 32.6	m 10 30.4	m 10 29.2	
54	m 11 31.0	m 11 26.0	m 11 20.7	m 11 14.7	m 11 08.5	m 11 03.5	m 10 58.3	m 10 54.0	m 10 50.0	m 10 46.7	m 10 43.5	m 10 41.1	m 10 39.0	m 10 37.8	
55	m 11 40.0	m 11 35.0	m 11 29.6	m 11 23.6	m 11 17.4	m 11 12.4	m 11 07.2	m 11 02.8	m 10 58.8	m 10 55.4	m 10 52.2	m 10 49.7	m 10 47.6	m 10 46.4	
56	m 11 49.0	m 11 44.0	m 11 37.4	m 11 32.4	m 11 26.3	m 11 21.3	m 11 16.1	m 11 11.6	m 11 07.6	m 11 04.1	m 11 00.9	m 10 58.3	m 10 56.2	m 10 55.1	
57	m 11 58.0	m 11 53.0	m 11 47.3	m 11 41.3	m 11 35.2	m 11 30.2	m 11 25.1	m 11 20.4	m 11 16.5	m 11 12.8	m 11 09.6	m 11 07.0	m 11 04.9	m 11 03.8	
58	m 12 07.0	m 12 02.0	m 11 56.2	m 11 50.2	m 11 44.1	m 11 39.2	m 11 34.1	m 11 29.3	m 11 25.3	m 11 21.5	m 11 18.4	m 11 15.6	m 11 13.6	m 11 12.5	
59	m 12 16.0	m 12 11.0	m 12 05.1	m 11 59.1	m 11 53.1	m 11 48.1	m 11 43.0	m 11 38.1	m 11 34.2	m 11 30.3	m 11 27.2	m 11 24.3	m 11 22.3	m 11 21.3	
60	m 12 25.0	m 12 20.0	m 12 14.0	m 12 08.0	m 12 02.0	m 11 57.0	m 11 52.0	m 11 47.0	m 11 43.0	m 11 39.0	m 11 36.0	m 11 33.0	m 11 31.0	m 11 30.0	
61	m 12 34.0	m 12 29.0	m 12 22.9	m 12 16.9	m 12 11.0	m 12 05.9	m 12 01.0	m 11 55.9	m 11 51.9	m 11 47.8	m 11 44.8	m 11 41.7	m 11 39.7	m 11 38.8	
62	m 12 43.0	m 12 38.0	m 12 31.8	m 12 25.8	m 12 19.9	m 12 14.9	m 12 10.0	m 12 04.8	m 12 00.7	m 11 56.5	m 11 53.6	m 11 50.5	m 11 48.5	m 11 47.5	
63	m 12 51.0	m 12 46.0	m 12 39.8	m 12 33.8	m 12 27.9	m 12 22.8	m 12 17.9	m 12 12.7	m 12 08.6	m 12 04.3	m 12 01.5	m 11 58.2	m 11 56.2	m 11 55.2	
64	m 13 00.0	m 12 55.0	m 12 48.7	m 12 42.7	m 12 36.9	m 12 31.7	m 12 26.9	m 12 21.6	m 12 17.4	m 12 13.1	m 12 10.3	m 12 07.0	m 12 05.0	m 12 03.9	
65	m 13 09.0	m 13 04.0	m 12 57.9	m 12 52.0	m 12 46.0	m 12 40.4	m 12 35.5	m 12 30.4	m 12 25.9	m 12 21.9	m 12 18.9	m 12 15.9	m 12 13.4	m 12 11.9	
66	m 13 18.0	m 13 13.0	m 13 07.0	m 13 01.0	m 12 55.0	m 12 49.3	m 12 44.4	m 12 39.4	m 12 34.7	m 12 30.7	m 12 27.8	m 12 24.7	m 12 22.1	m 12 20.5	
67	m 13 26.0	m 13 21.0	m 13 15.0	m 13 09.0	m 13 03.0	m 12 57.2	m 12 52.3	m 12 47.3	m 12 42.5	m 12 38.5	m 12 35.6	m 12 32.5	m 12 29.8	m 12 28.1	
68	m 13 35.0	m 13 30.0	m 13 24.0	m 13 18.0	m 13 12.0	m 13 06.2	m 13 01.2	m 12 56.2	m 12 51.4	m 12 47.3	m 12 44.4	m 12 41.3	m 12 38.5	m 12 36.7	
69	m 13 44.0	m 13 39.0	m 13 33.0	m 13 27.0	m 13 21.0	m 13 15.1	m 13 10.1	m 13 05.1	m 13 00.2	m 12 56.2	m 12 53.2	m 12 50.2	m 12 47.3	m 12 45.4	
70	m 13 52.0	m 13 47.0	m 13 41.0	m 13 35.0	m 13 29.0	m 13 23.0	m 13 18.0	m 13 13.0	m 13 08.0	m 13 04.0	m 13 01.0	m 12 58.0	m 12 55.0	m 12 53.0	
71	m 14 01.0	m 13 56.0	m 13 50.0	m 13 44.0	m 13 38.0	m 13 31.9	m 13 26.9	m 13 21.9	m 13 16.8	m 13 12.9	m 13 09.8	m 13 06.8	m 13 03.8	m 13 01.7	
72	m 14 09.0	m 14 04.0	m 13 58.0	m 13 52.0	m 13 46.0	m 13 39.9	m 13 34.8	m 13 29.8	m 13 24.7	m 13 20.7	m 13 17.6	m 13 14.7	m 13 11.5	m 13 09.4	
73	m 14 18.0	m 14 13.0	m 14 07.1	m 14 01.1	m 13 54.9	m 13 48.9	m 13 43.7	m 13 38.8	m 13 33.6	m 13 29.6	m 13 26.5	m 13 23.5	m 13 20.3	m 13 18.1	
74	m 14 26.0	m 14 21.0	m 14 15.1	m 14 09.1	m 14 03.1	m 13 56.8	m 13 51.6	m 13 46.7	m 13 41.4	m 13 37.5	m 13 34.3	m 13 31.3	m 13 28.1	m 13 25.9	
75	m 14 35.0	m 14 30.0	m 14 24.1	m 14 18.1	m 14 12.1	m 14 06.0	m 14 00.5	m 13 55.0	m 13 50.4	m 13 46.4	m 13 42.9	m 13 39.9	m 13 36.9	m 13 34.9	
76	m 14 43.0	m 14 38.0	m 14 32.1	m 14 26.1	m 14 20.1	m 14 14.0	m 14 08.4	m 14 03.4	m 13 58.4	m 13 54.4	m 13 50.7	m 13 47.7	m 13 44.8	m 13 42.8	
77	m 14 51.0	m 14 46.0	m 14 40.1	m 14 34.1	m 14 28.1	m 14 22.0	m 14 16.3	m 14 11.3	m 14 06.3	m 14 02.3	m 13 58.5	m 13 55.5	m 13 52.6	m 13 50.6	
78	m 15 00.0	m 14 55.0	m 14 49.1	m 14 43.2	m 14 37.2	m 14 31.0	m 14 25.2	m 14 20.2	m 14 15.2	m 14 11.2	m 14 07.4	m 14 04.4	m 14 01.4	m 13 59.4	
79	m 15 08.0	m 15 03.0	m 14 57.0	m 14 51.0	m 14 45.1	m 14 39.0	m 14 33.1	m 14 28.1	m 14 23.1	m 14 19.1	m 14 15.2	m 14 12.2	m 14 09.2	m 14 07.2	
80	m 15 16.0	m 15 11.0	m 15 05.0	m 14 59.0	m 14 53.0	m 14 47.0	m 14 41.0	m 14 36.0	m 14 31.0	m 14 27.0	m 14 23.0	m 14 20.0	m 14 17.0	m 14 15.0	
81	m 15 25.0	m 15 20.0	m 15 14.0	m 15 08.0	m 15 02.0	m 14 56.0	m 14 50.9	m 14 44.9	m 14 39.9	m 14 35.9	m 14 31.8	m 14 28.8	m 14 25.8	m 14 23.8	
82	m 15 33.0	m 15 28.0	m 15 21.9	m 15 15.9	m 15 09.9	m 15 04.0	m 14 57.8	m 14 52.8	m 14 47.8	m 14 43.8	m 14 39.7	m 14 36.7	m 14 33.6	m 14 31.6	
83	m 15 41.0	m 15 36.0	m 15 29.9	m 15 23.8	m 15 17.8	m 15 11.9	m 15 05.7	m 15 00.7	m 14 55.8	m 14 51.8	m 14 47.6	m 14 44.6	m 14 41.5	m 14 39.4	
84	m 15 49.0	m 15 44.0	m 15 37.8	m 15 31.8	m 15 25.8	m 15 19.8	m 15 13.6	m 15 08.6	m 15 03.7	m 14 59.7	m 14 55.4	m 14 52.4	m 14 49.3	m 14 47.1	
85	m 15 57.0	m 15 52.0	m 15 45.5	m 15 39.5	m 15 33.5	m 15 27.6	m 15 21.4	m 15 16.5	m 15 11.5	m 15 07.5	m 15 03.4	m 15 00.5	m 14 57.0	m 14 54.5	
86	m 16 05.0	m 16 00.0	m 15 53.4	m 15 47.4	m 15 41.4	m 15 35.5	m 15 29.3	m 15 24.4	m 15 19.4	m 15 15.4	m 15 11.4	m 15 08.4	m 15 04.8	m 15 02.2	
87	m 16 14.0	m 16 09.0	m 16 02.3	m 15 56.0	m 15 50.0	m 15 44.4	m 15 38.2	m 15 33.3	m 15 28.3	m 15 24.3	m 15 20.3	m 15 17.3	m 15 13.6	m 15 10.9	
88	m 16 22.0	m 16 17.0	m 16 10.2	m 16 04.0	m 15 58.0	m 15 52.2	m 15 46.2	m 15 41.2	m 15 36.2	m 15 32.2	m 15 28.2	m 15 25.2	m 15 21.4	m 15 18.6	
89	m 16 30.0	m 16 25.0	m 16 18.1	m 16 12.0	m 16 06.0	m 16 00.1	m 15 54.1	m 15 49.1	m 15 44.1	m 15 40.1	m 15 36.1	m 15 33.1	m 15 29.2	m 15 26.3	
90	m 16 38.0	m 16 33.0	m 16 26.0	m 16 20.0	m 16 14.0	m 16 08.0	m 16 02.0	m 15 57.0	m 15 52.0	m 15 48.0	m 15 44.0	m 15 41.0	m 15 37.0	m 15 34.0	

TIMES OF PP BRANCH

Depth  $h =$

Surface	0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12			
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s		
91	16	46.0	16	41.0	16	33.9	16	28.0	16	22.0	16	15.9	16	09.9	16	04.9	15	59.9	15	55.9	15	51.9	15	48.9	15	44.8	15	41.7
92	16	54.0	16	49.0	16	41.9	16	36.0	16	30.0	16	23.8	16	17.9	16	12.8	16	07.8	16	03.8	16	00.3	15	56.6	15	52.6	15	49.5
93	17	02.0	16	57.0	16	49.8	16	44.1	16	37.9	16	31.7	16	25.9	16	20.7	16	15.7	16	11.7	16	07.8	16	04.6	16	00.3	15	57.2
94	17	10.0	17	05.0	16	57.8	16	52.1	16	45.8	16	39.6	16	33.8	16	28.6	16	23.6	16	19.6	16	15.7	16	12.4	16	08.2	16	05.0
95	17	17.0	17	12.0	17	04.9	16	59.1	16	52.5	16	46.5	16	41.0	16	35.5	16	30.5	16	26.6	16	22.6	16	19.1	16	15.0	16	12.0
96	17	25.0	17	20.0	17	13.0	17	07.1	17	00.4	16	54.4	16	49.0	16	43.4	16	38.4	16	34.5	16	30.5	16	26.9	16	22.8	16	19.8
97	17	33.0	17	28.0	17	21.0	17	15.1	17	08.3	17	02.3	16	57.0	16	51.3	16	46.3	16	42.4	16	38.4	16	34.7	16	30.6	16	27.6
98	17	41.0	17	36.0	17	29.0	17	23.1	17	16.2	17	10.2	16	55.0	16	50.2	16	45.2	16	40.3	16	36.3	16	32.4	16	28.4	16	25.4
99	17	48.0	17	43.0	17	36.0	17	30.0	17	23.1	17	17.1	17	12.0	17	06.1	17	01.1	16	57.1	16	53.1	16	49.2	16	45.2	16	42.2
100	17	56.0	17	51.0	17	44.0	17	38.0	17	31.0	17	25.0	17	20.0	17	14.0	17	09.0	17	05.0	17	01.0	16	57.0	16	53.0	16	50.0
101	18	04.0	17	59.0	17	52.0	17	46.0	17	38.9	17	32.9	17	28.0	17	21.9	17	16.9	17	12.9	17	08.9	17	04.8	17	00.8	16	57.8
102	18	11.0	18	06.0	17	59.0	17	52.9	17	45.9	17	39.8	17	35.0	17	28.8	17	23.8	17	19.7	17	15.7	17	11.6	17	07.6	17	04.6
103	18	19.0	18	14.0	18	07.1	18	00.9	17	53.8	17	47.7	17	42.9	17	36.7	17	31.7	17	27.6	17	23.6	17	19.4	17	15.4	17	12.3
104	18	26.0	18	21.0	18	14.1	18	07.8	18	00.8	17	54.6	17	49.8	17	43.6	17	38.6	17	34.4	17	30.4	17	26.2	17	22.2	17	19.0
105	18	34.0	18	29.0	18	22.0	18	15.5	18	09.1	18	02.4	17	57.6	17	51.5	17	46.5	17	42.0	17	39.1	17	34.0	17	30.0	17	26.5
106	18	41.0	18	36.0	18	29.3	18	22.4	18	16.0	18	09.3	18	04.5	18	00.4	17	53.4	17	48.8	17	44.9	17	40.8	17	36.8	17	33.2
107	18	49.0	18	44.0	18	37.3	18	30.3	18	24.0	18	17.2	18	12.4	18	06.3	18	01.3	17	56.6	17	52.7	17	48.6	17	44.6	17	40.9
108	18	56.0	18	51.0	18	44.0	18	37.2	18	31.0	18	24.2	18	19.2	18	13.2	18	08.2	18	03.4	17	59.4	17	55.4	17	51.4	17	47.6
109	19	04.0	18	59.0	18	52.0	18	45.1	18	39.0	18	32.1	18	27.1	18	21.1	18	16.1	18	11.1	18	07.2	18	03.2	17	59.2	17	55.3
110	19	11.0	19	06.0	18	59.0	18	52.0	18	46.0	18	39.0	18	34.0	18	28.0	18	23.0	18	18.0	18	14.0	18	10.0	18	06.0	18	02.0
111	19	18.0	19	13.0	19	06.0	18	58.9	18	53.0	18	45.9	18	40.9	18	34.9	18	29.9	18	24.8	18	20.8	18	16.8	18	12.8	18	08.7
112	19	25.0	19	20.0	19	13.0	19	05.9	19	00.0	18	52.9	18	47.8	18	41.8	18	36.8	18	31.7	18	27.6	18	23.6	18	19.6	18	15.5
113	19	33.0	19	28.0	19	21.0	19	13.8	19	07.9	19	00.9	18	55.7	18	49.7	18	44.7	18	39.5	18	35.4	18	31.4	18	27.4	18	23.2
114	19	40.0	19	35.0	19	28.0	19	21.0	19	14.8	19	07.8	19	02.6	18	56.6	18	51.6	18	46.4	18	42.2	18	38.2	18	34.2	18	30.0
115	19	47.0	19	42.0	19	35.0	19	27.9	19	21.5	19	15.0	19	09.5	19	03.5	18	58.5	18	53.5	18	48.9	18	45.0	18	41.0	18	37.0
116	19	54.0	19	49.0	19	42.0	19	35.0	19	28.4	19	22.0	19	16.4	19	10.4	19	05.4	19	00.4	18	55.7	18	51.8	18	47.8	18	43.8
117	20	01.0	19	56.0	19	49.0	19	42.0	19	35.3	19	29.0	19	23.3	19	17.3	19	12.3	19	07.3	19	02.5	18	58.6	18	54.6	18	50.6
118	20	08.0	20	03.0	19	56.0	19	49.0	19	42.2	19	36.0	19	30.2	19	24.2	19	19.2	19	14.2	19	09.4	19	05.4	19	01.4	18	57.4
119	20	15.0	20	10.0	20	03.0	19	56.0	19	49.1	19	43.0	19	37.1	19	31.1	19	26.1	19	21.1	19	16.2	19	12.2	19	08.2	19	04.2
120	20	21.0	20	16.0	20	09.0	20	02.0	19	55.0	19	49.0	19	43.0	19	37.0	19	32.0	19	27.0	19	22.0	19	18.0	19	14.0	19	10.0
121	20	28.0	20	23.0	20	16.0	20	09.0	20	01.9	19	56.0	19	50.9	19	45.8	19	40.8	19	35.8	19	30.8	19	25.8	19	20.8	19	16.8
122	20	35.0	20	30.0	20	23.0	20	16.0	20	08.9	20	03.0	19	56.8	19	50.8	19	45.8	19	40.8	19	35.7	19	31.6	19	27.6	19	23.6
123	20	42.0	20	37.0	20	30.0	20	23.1	20	15.8	20	09.9	20	03.7	19	57.7	19	52.7	19	47.6	19	42.6	19	38.4	19	34.4	19	30.3
124	20	49.0	20	44.0	20	37.0	20	30.1	20	22.8	20	16.8	20	10.6	20	04.6	19	59.6	19	54.4	19	49.4	19	45.2	19	41.2	19	37.0
125	20	55.0	20	50.0	20	43.0	20	36.0	20	28.9	20	22.5	20	16.3	20	10.5	20	05.5	20	00.0	19	55.5	19	50.9	19	47.0	19	42.4
126	21	02.0	20	57.0	20	50.0	20	43.0	20	36.0	20	29.4	20	23.4	20	17.4	20	12.4	20	06.8	20	02.4	19	57.7	19	53.8	19	49.1
127	21	08.0	21	03.0	20	56.0	20	49.0	20	42.0	20	35.3	20	29.3	20	23.3	20	18.3	20	12.6	20	08.3	20	03.5	19	59.6	19	54.8
128	21	15.0	21	10.0	21	03.0	20	56.0	20	49.0	20	42.2	20	36.2	20	30.2	20	25.2	20	19.4	20	15.2	20	10.4	20	06.4	20	01.5
129	21	22.0	21	17.0	21	10.0	21	03.0	20	56.0	20	49.1	20	43.1	20	37.1	20	32.1	20	26.2	20	22.1	20	17.2	20	13.2	20	08.3
130	21	28.0	21	23.0	21	16.0	21	09.0	21	02.0	20	55.0	20	49.0	20	43.0	20	38.0	20	32.0	20	28.0	20	23.0	20	19.0	20	14.0

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	s	m	s	m	s	m	s	m	s	m	s	m	s
131	21 35.0	21 30.0	21 23.0	21 16.0	21 09.0	21 01.9	20 55.9	20 49.9	20 44.9	20 38.8	20 34.9	20 29.8	20 25.8	20 20.8
132	21 41.0	21 36.0	21 29.0	21 22.0	21 15.0	21 07.9	21 01.8	20 55.8	20 50.8	20 44.7	20 40.8	20 35.7	20 31.6	20 26.6
133	21 47.0	21 42.0	21 35.0	21 28.0	21 21.1	21 13.8	21 07.7	21 01.7	20 56.7	20 50.5	20 46.6	20 41.6	20 37.4	20 32.4
134	21 54.0	21 49.0	21 42.0	21 35.0	21 28.1	21 20.8	21 14.6	21 08.6	21 03.6	20 57.4	20 53.4	20 48.4	20 44.2	20 39.2
135	22 00.0	21 55.0	21 48.1	21 41.1	21 34.1	21 26.9	21 20.4	21 14.4	21 09.5	21 03.4	20 59.0	20 54.5	20 49.9	20 45.3
136	22 06.0	22 01.0	21 54.1	21 47.1	21 40.1	21 33.0	21 26.3	21 20.3	21 15.4	21 09.4	21 04.8	21 00.4	20 55.7	20 51.4
137	22 12.0	22 07.0	22 00.1	21 53.1	21 46.1	21 39.0	21 32.2	21 26.2	21 21.3	21 15.3	21 10.6	21 06.3	21 01.5	20 57.3
138	22 19.0	22 14.0	22 07.1	22 00.1	21 53.1	21 46.0	21 39.2	21 33.2	21 28.2	21 22.2	21 17.4	21 13.2	21 08.4	21 04.2
139	22 25.0	22 20.0	22 13.0	22 06.0	21 59.0	21 52.0	21 45.1	21 39.1	21 34.1	21 28.1	21 23.2	21 19.1	21 14.2	21 10.1
140	22 31.0	22 26.0	22 19.0	22 12.0	22 05.0	21 58.0	21 51.0	21 45.0	21 40.0	21 34.0	21 29.0	21 25.0	21 20.0	21 16.0
141	22 37.0	22 32.0	22 25.0	22 18.0	22 11.0	22 04.0	21 56.9	21 50.9	21 45.9	21 39.9	21 34.3	21 30.9	21 25.8	21 21.9
142	22 43.0	22 38.0	22 30.9	22 23.9	22 16.9	22 10.0	22 02.9	21 56.9	21 51.8	21 45.8	21 40.7	21 36.8	21 31.7	21 27.8
143	22 49.0	22 44.0	22 36.9	22 29.9	22 22.9	22 16.1	22 08.9	22 02.9	22 03.6	21 57.7	21 52.4	21 48.1	21 43.4	21 39.5
144	22 55.0	22 50.0	22 42.8	22 35.8	22 28.8	22 22.1	22 14.8	22 08.8	22 03.5	22 03.5	21 58.4	21 54.1	21 49.5	21 45.1
145	23 01.0	22 56.0	22 48.5	22 41.5	22 34.5	22 28.1	22 20.9	22 15.0	22 09.5	22 09.4	22 04.4	21 59.8	21 55.4	21 50.9
146	23 07.0	23 02.0	22 54.4	22 47.4	22 40.4	22 34.1	22 27.0	22 21.0	22 15.4	22 10.3	22 05.6	22 01.3	21 56.7	21 52.4
147	23 13.0	23 08.0	23 00.3	22 53.3	22 46.3	22 40.1	22 33.0	22 27.0	22 21.3	22 16.2	22 11.4	22 07.2	22 03.0	22 02.4
148	23 19.0	23 14.0	23 06.2	22 59.2	22 52.2	22 46.1	22 39.0	22 33.0	22 27.2	22 22.1	22 17.1	22 12.1	22 07.2	22 02.4
149	23 24.0	23 19.0	23 11.1	23 04.1	22 57.1	22 51.0	22 44.0	22 38.0	22 32.1	22 26.1	22 21.1	22 16.2	22 11.4	22 07.2
150	23 30.0	23 25.0	23 17.0	23 10.0	23 03.0	22 57.0	22 50.0	22 44.0	22 38.0	22 32.0	22 27.0	22 22.0	22 18.0	22 13.0
151	23 36.0	23 31.0	23 22.9	23 15.9	23 08.9	23 03.0	22 56.0	22 50.0	22 43.9	22 37.9	22 32.9	22 27.8	22 23.9	22 18.8
152	23 41.0	23 36.0	23 27.9	23 20.9	23 13.9	23 07.9	23 01.0	22 55.0	22 49.8	22 43.8	22 37.8	22 32.7	22 28.8	22 23.6
153	23 47.0	23 42.0	23 33.8	23 26.8	23 19.8	23 13.9	23 07.1	23 00.9	22 54.7	22 48.7	22 43.8	22 38.5	22 34.6	22 29.4
154	23 53.0	23 48.0	23 39.8	23 32.8	23 25.8	23 19.8	23 13.1	23 06.8	23 00.6	22 54.6	22 49.7	22 44.4	22 40.4	22 35.2
155	23 58.0	23 53.0	23 44.9	23 37.9	23 30.9	23 24.5	23 18.1	23 11.1	23 05.5	22 59.4	22 54.5	22 49.4	22 45.0	22 39.9
156	24 04.0	23 59.0	23 51.0	23 44.0	23 37.0	23 30.4	23 24.1	23 17.4	23 11.4	23 05.3	23 00.4	22 55.4	22 50.8	22 45.7
157	24 09.0	24 04.0	23 56.0	23 49.0	23 42.0	23 35.3	23 29.1	23 22.3	23 16.3	23 10.2	23 05.3	23 00.3	22 55.6	22 50.5
158	24 15.0	24 10.0	24 02.0	23 55.0	23 48.0	23 41.2	23 35.1	23 28.2	23 22.2	23 16.2	23 11.2	23 06.2	23 01.4	22 56.4
159	24 20.0	24 15.0	24 07.0	24 00.0	23 53.0	23 46.1	23 40.0	23 33.1	23 27.1	23 21.1	23 16.1	23 11.1	23 06.2	23 01.2
160	24 25.0	24 20.0	24 12.0	24 05.0	23 58.0	23 51.0	23 45.0	23 38.0	23 32.0	23 26.0	23 21.0	23 16.0	23 11.0	23 06.0
161	24 31.0	24 26.0	24 18.0	24 11.0	24 04.0	23 56.9	23 51.0	23 43.9	23 37.9	23 31.9	23 26.9	23 21.9	23 16.8	23 11.8
162	24 36.0	24 31.0	24 23.0	24 16.0	24 09.0	24 01.9	23 55.9	23 48.9	23 42.8	23 36.9	23 31.8	23 26.8	23 21.7	23 16.7
163	24 41.0	24 36.0	24 28.1	24 21.1	24 14.1	24 06.8	24 00.9	23 53.8	23 47.7	23 41.9	23 36.7	23 31.8	23 26.5	23 21.6
164	24 47.0	24 42.0	24 34.1	24 27.1	24 20.1	24 12.8	24 06.8	23 59.8	23 53.6	23 47.8	23 42.6	23 37.7	23 32.4	23 27.4
165	24 52.0	24 47.0	24 39.0	24 32.0	24 25.1	24 18.0	24 11.5	24 05.0	23 58.4	23 53.0	23 47.4	23 42.5	23 37.4	23 32.4
166	24 57.0	24 52.0	24 44.0	24 37.0	24 30.1	24 23.0	24 16.4	24 10.0	24 03.3	23 58.0	23 52.3	23 47.4	23 42.4	23 37.4
167	25 02.0	24 57.0	24 49.0	24 42.0	24 35.1	24 28.0	24 21.3	24 15.0	24 08.2	24 03.0	23 57.2	23 52.3	23 47.3	23 42.3
168	25 07.0	25 02.0	24 54.0	24 47.0	24 40.1	24 33.0	24 26.2	24 20.0	24 13.2	24 08.0	24 02.2	23 57.2	23 52.2	23 47.2
169	25 12.0	25 07.0	24 59.0	24 52.0	24 45.0	24 38.0	24 31.1	24 25.0	24 18.1	24 13.0	24 07.1	24 02.1	23 57.1	23 52.1
170	25 17.0	25 12.0	25 04.0	24 57.0	24 50.0	24 43.0	24 36.0	24 30.0	24 23.0	24 18.0	24 12.0	24 07.0	24 02.0	23 57.0

TIMES OF PP BRANCH

Depth  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
171	25 22.0	25 17.0	25 09.0	25 02.0	24 55.0	24 48.0	24 40.9	24 35.0	24 27.9	24 23.0	24 15.9	24 11.9	24 06.9	24 01.9
172	25 27.0	25 22.0	25 14.0	25 07.0	24 59.9	24 53.0	24 45.9	24 40.0	24 32.9	24 28.0	24 21.9	24 16.9	24 11.8	24 06.8
173	25 32.0	25 27.0	25 19.0	25 12.0	25 04.9	24 57.9	24 50.8	24 44.9	24 37.9	24 32.9	24 26.9	24 21.7	24 16.8	24 11.8
174	25 37.0	25 32.0	25 24.0	25 17.0	25 09.8	25 02.8	24 55.8	24 49.8	24 42.8	24 37.8	24 31.8	24 26.6	24 21.7	24 16.7
175	25 42.0	25 37.0	25 29.0	25 22.0	25 14.7	25 07.8	25 00.8	24 54.8	24 47.8	24 42.8	24 36.8	24 31.5	24 26.6	24 21.6
176	25 47.0	25 42.0	25 34.0	25 27.0	25 19.6	25 12.7	25 05.8	24 59.7	24 52.8	24 47.7	24 41.8	24 36.4	24 31.5	24 26.5
177	25 51.0	25 46.0	25 38.0	25 31.0	25 23.5	25 16.5	25 09.8	25 03.5	24 56.8	24 51.5	24 45.8	24 40.3	24 35.4	24 30.4
178	25 56.0	25 51.0	25 43.0	25 35.0	25 28.3	25 21.4	25 14.8	25 08.4	25 01.9	24 56.4	24 50.9	24 45.2	24 40.3	24 35.3
179	26 01.0	25 56.0	25 48.0	25 41.0	25 33.2	25 26.2	25 19.9	25 13.2	25 06.9	25 01.2	24 55.3	24 50.1	24 45.1	24 40.1
180	26 05.0	26 00.0	25 52.0	25 45.0	25 37.0	25 30.0	25 24.0	25 17.0	25 11.0	25 05.0	25 00.0	24 54.0	24 49.0	24 44.0

Depth  $h =$

Δ	Depth h =																											
	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
50	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
51	16	16.0	16	13.0	16	13.0																						
52	16	30.0	16	27.0	16	26.8																						
53	16	45.0	16	42.0	16	41.7																						
54	16	59.0	16	56.0	16	55.5																						
55	17	13.0	17	10.0	17	09.3																						
56	17	27.0	17	24.0	17	23.1																						
57	17	41.0	17	38.0	17	36.9																						
58	17	55.0	17	52.0	17	50.7																						
59	18	09.0	18	06.0	18	04.4																						
60	18	23.0	18	20.0	18	18.2																						
61	18	37.0	18	34.0	18	32.0	18	31.0																				
62	18	50.0	18	46.9	18	44.8	18	43.6																				
63	19	04.0	19	00.8	18	58.6	18	57.2																				
64	19	18.0	19	14.7	19	12.4	19	10.9																				
65	19	32.0	19	28.6	19	26.2	19	24.6																				
66	19	45.0	19	41.5	19	38.9	19	37.3																				
67	19	59.0	19	55.4	19	52.7	19	51.0																				
68	20	12.0	20	08.3	20	05.5	20	03.7																				
69	20	26.0	20	22.2	20	19.4	20	17.5																				
70	20	39.0	20	35.1	20	32.2	20	30.2																				
71	20	52.0	20	48.0	20	45.0	20	43.0	20	42.0	20	42.0																
72	21	05.0	21	00.9	20	57.8	20	55.8	20	54.1	20	54.0																
73	21	19.0	21	14.9	21	11.7	21	09.6	21	07.2	21	07.1																
74	21	32.0	21	27.8	21	24.6	21	22.4	21	19.5	21	19.3																
75	21	45.0	21	40.8	21	37.4	21	35.2	21	31.8	21	31.6																
76	21	58.0	21	53.8	21	50.3	21	47.7	21	44.3	21	43.9																
77	22	11.0	22	06.8	22	03.2	22	00.6	22	00.6	22	00.6																
78	22	23.0	22	18.8	22	15.1	22	12.6	22	08.6	22	08.1																
79	22	36.0	22	31.8	22	28.1	22	25.4	22	21.6	22	20.9																
80	22	49.0	22	44.9	22	41.0	22	38.2	22	34.7	22	33.9																
81	23	01.0	22	57.0	22	53.0	22	50.0	22	47.0	22	46.0	22	45.0	22	44.0												
82	23	14.0	23	10.0	23	06.0	23	03.0	22	59.8	22	58.7	22	57.3	22	56.1												
83	23	26.0	23	22.0	23	18.1	23	15.0	23	11.6	23	10.3	23	08.7	23	07.3												
84	23	39.0	23	35.0	23	31.1	23	28.1	23	24.4	23	23.0	23	21.1	23	19.6												
85	23	51.0	23	47.0	23	43.1	23	40.0	23	36.2	23	34.5	23	32.6	23	30.8												
86	24	03.0	23	59.0	23	55.0	23	52.0	23	48.0	23	46.0	23	44.0	23	42.0	23	41.0										
87	24	16.0	24	12.0	24	07.0	24	04.9	24	00.8	23	58.4	23	56.4	23	54.2	23	50.8										
88	24	28.0	24	24.0	24	19.8	24	16.8	24	12.6	24	09.7	24	07.7	24	05.3	24	00.4										
89	24	40.0	24	36.0	24	31.6	24	28.6	24	24.4	24	21.0	24	18.9	24	16.3	24	11.0										
	24	52.0	24	48.0	24	43.3	24	40.3	24	36.2	24	32.1	24	30.0	24	27.2	24	22.8										

BRANCH

PS

PS

Depth  $h =$

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
90	25	03.0	24	59.0	24	54.0	24	51.0	24	47.0	24	42.0	24	40.0	24	37.0	24	35.0	24	33.0								
91	25	15.0	25	11.0	25	06.0	25	02.6	24	58.4	24	53.5	24	51.3	24	48.1	24	45.1	24	42.9								
92	25	27.0	25	23.1	25	18.0	25	14.2	25	09.8	25	05.0	25	02.7	24	59.2	24	57.2	24	53.7								
93	25	38.0	25	34.1	25	29.0	25	24.8	25	20.2	25	15.6	25	13.1	25	09.4	25	07.4	25	04.1								
94	25	49.0	25	45.1	25	40.0	25	35.4	25	30.6	25	26.3	25	23.5	25	19.7	25	17.7	25	14.9								
95	26	00.0	25	56.0	25	51.0	25	46.0	25	41.0	25	37.0	25	34.0	25	30.0	25	28.0	25	26.0	25	26.0						
96	26	11.0	26	06.9	26	02.0	25	56.7	25	51.5	25	47.8	25	44.5	25	40.4	25	38.4	25	37.1	25	31.8						
97	26	22.0	26	17.8	26	12.8	26	07.4	26	02.1	25	58.5	25	55.1	25	50.9	25	48.7	25	48.1	25	39.2						
98	26	32.0	26	27.6	26	22.7	26	17.2	26	11.9	26	08.4	26	04.7	26	00.5	25	58.2	25	57.7	25	47.9						
99	26	43.0	26	38.3	26	33.4	26	28.0	26	22.9	26	19.2	26	15.3	26	11.2	25	08.6	26	07.7	26	00.3						
100	26	53.0	26	48.0	26	43.0	26	38.0	26	33.0	26	29.0	26	25.0	26	21.0	26	18.0	26	16.0	26	15.0	26	14.0				
101	27	04.0	26	59.0	26	54.0	26	48.6	26	43.8	26	39.8	26	35.6	26	31.6	26	28.6	26	26.4	26	25.2	26	22.5				
102	27	14.0	27	08.9	27	04.0	26	58.6	26	53.6	26	49.6	26	45.2	26	41.2	26	38.1	26	35.8	26	34.4	26	31.2				
103	27	25.0	27	20.0	27	15.0	27	09.3	27	04.3	27	00.4	26	55.7	26	51.8	26	48.8	26	46.1	26	44.5	26	41.6				
104	27	35.0	27	30.0	27	25.0	27	19.2	27	14.2	27	10.2	27	05.4	27	01.4	26	58.4	26	55.6	26	53.8	26	51.7				
105	27	45.0	27	40.0	27	35.0	27	29.0	27	24.0	27	20.0	27	15.0	27	11.0	27	08.0	27	05.0	27	03.0	27	02.0	27	01.0	27	01.0
106	27	55.0	27	50.0	27	45.0	27	38.9	27	33.9	27	29.8	27	24.7	27	20.6	27	17.6	27	14.5	27	12.3	27	12.3	27	09.9	27	09.7
107	28	05.0	28	00.1	27	54.8	27	48.8	27	43.8	27	39.6	27	34.4	27	30.2	27	27.3	27	24.0	27	21.6	27	22.4	27	18.4	27	18.0
108	28	15.0	28	10.1	28	04.7	27	58.8	27	53.8	27	49.4	27	44.2	27	39.8	27	36.9	27	33.6	27	31.0	27	31.8	27	29.6	27	28.9
109	28	24.0	28	19.1	28	13.4	28	07.9	28	02.9	27	58.2	27	53.1	27	48.4	27	45.5	27	42.3	27	39.5	27	39.5	27	37.6	27	37.0
110	28	34.0	28	29.0	28	23.0	28	18.0	28	13.0	28	08.0	28	03.0	27	58.0	27	55.0	27	52.0	27	49.0	27	47.0	27	46.0	27	45.0
111	28	44.0	28	39.0	28	32.9	28	27.9	28	23.0	28	17.8	28	12.8	28	07.7	28	04.7	28	01.6	27	58.5	27	56.4	27	55.3	27	54.2
112	28	53.0	28	48.0	28	41.9	28	36.9	28	31.9	28	26.6	28	21.6	28	16.4	28	13.3	28	10.1	28	07.0	28	04.9	28	03.6	28	02.4
113	29	03.0	28	58.0	28	51.8	28	46.8	28	41.8	28	36.4	28	31.4	28	26.2	28	23.0	28	19.7	28	16.6	28	14.4	28	12.9	28	11.7
114	29	12.0	29	07.0	29	00.8	28	55.7	28	50.7	28	45.2	28	40.2	28	35.0	28	31.7	28	28.3	28	25.1	28	23.0	28	21.3	28	20.1
115	29	22.0	29	17.0	29	10.8	29	05.6	29	00.6	28	55.0	28	50.0	28	44.8	28	41.4	28	37.9	28	34.7	28	32.6	28	30.7	28	29.5
116	29	31.0	29	26.0	29	19.8	29	14.4	29	09.5	29	03.8	28	58.8	28	53.6	28	50.1	28	46.5	28	43.3	28	41.2	28	39.1	28	37.9
117	29	40.0	29	35.0	29	28.9	29	23.3	29	18.4	29	12.6	29	07.6	29	02.4	28	59.8	28	55.1	28	52.0	28	49.9	28	47.5	28	46.4
118	29	49.0	29	44.0	29	37.9	29	32.2	29	27.3	29	21.4	29	16.4	29	11.3	29	07.5	29	03.7	29	00.5	28	58.6	28	56.0	28	54.9
119	29	58.0	29	53.0	29	47.0	29	41.1	29	36.1	29	30.2	29	25.2	29	20.1	29	16.3	29	12.3	29	09.3	29	07.3	29	04.5	29	03.4
120	30	07.0	30	02.0	29	56.0	29	50.0	29	45.0	29	39.0	29	34.0	29	29.0	29	25.0	29	21.0	29	18.0	29	16.0	29	13.0	29	12.0
121	30	16.0	30	11.0	30	05.0	29	59.0	29	53.9	29	47.9	29	42.9	29	37.9	29	33.7	29	29.8	29	26.7	29	24.6	29	21.6	29	20.6
122	30	25.0	30	20.0	30	14.0	30	08.0	30	02.8	29	56.7	29	51.8	29	46.8	29	42.5	29	38.7	29	35.5	29	33.3	29	30.2	29	29.2
123	30	34.0	30	29.0	30	23.0	30	16.9	30	11.7	30	05.6	30	00.6	29	55.6	29	51.3	29	47.5	29	44.2	29	41.0	29	38.8	29	37.8
124	30	42.0	30	37.0	30	31.0	30	24.9	30	19.6	30	13.5	30	08.5	30	03.5	29	59.0	29	55.4	29	52.0	29	49.6	29	46.5	29	45.5
125	30	51.0	30	46.0	30	40.0	30	33.9	30	28.4	30	22.4	30	17.4	30	12.4	30	07.8	30	04.3	30	00.8	29	58.3	29	55.2	29	54.2
126	31	00.0	30	55.0	30	49.0	30	43.0	30	37.3	30	31.3	30	26.4	30	21.4	30	16.6	30	13.2	30	09.6	30	07.0	30	03.9	30	02.9
127	31	09.0	31	04.0	30	58.0	30	52.0	30	46.2	30	40.2	30	35.3	30	30.3	30	25.4	30	22.2	30	18.5	30	15.7	30	12.7	30	11.7
128	31	17.0	31	12.0	31	06.0	31	00.0	30	54.2	30	48.1	30	43.2	30	38.2	30	33.3	30	30.1	30	26.3	30	23.5	30	20.4	30	19.4
129	31	26.0	31	21.0	31	15.0	31	09.0	31	03.1	30	57.1	30	52.1	30	47.1	30	42.1	30	39.1	30	35.1	30	32.2	30	29.2	30	28.2

Δ	Depth <i>h</i> =													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
130	m 31 34.0 s	m 31 29.0 s	m 31 23.0 s	m 31 17.0 s	m 31 11.0 s	m 31 05.0 s	m 31 00.0 s	m 30 55.0 s	m 30 50.0 s	m 30 47.0 s	m 30 43.0 s	m 30 40.0 s	m 30 37.0 s	m 30 36.0 s
131	m 31 43.0 s	m 31 38.0 s	m 31 32.0 s	m 31 26.0 s	m 31 19.9 s	m 31 14.0 s	m 31 08.9 s	m 31 03.9 s	m 30 58.9 s	m 30 56.0 s	m 30 51.9 s	m 30 48.8 s	m 30 45.8 s	m 30 44.8 s
132	m 31 51.0 s	m 31 46.0 s	m 31 40.0 s	m 31 34.0 s	m 31 27.9 s	m 31 21.9 s	m 31 16.8 s	m 31 11.8 s	m 31 06.8 s	m 31 03.9 s	m 30 59.8 s	m 30 56.6 s	m 30 53.7 s	m 30 52.7 s
133	m 32 00.0 s	m 31 55.0 s	m 31 49.0 s	m 31 43.1 s	m 31 36.9 s	m 31 30.9 s	m 31 25.8 s	m 31 20.8 s	m 31 15.8 s	m 31 12.8 s	m 31 08.6 s	m 31 05.5 s	m 31 02.5 s	m 31 01.5 s
134	m 32 08.0 s	m 32 03.0 s	m 31 57.0 s	m 31 51.1 s	m 31 44.8 s	m 31 38.9 s	m 31 33.7 s	m 31 28.7 s	m 31 23.7 s	m 31 20.8 s	m 31 16.5 s	m 31 13.3 s	m 31 10.4 s	m 31 09.4 s
135	m 32 17.0 s	m 32 12.0 s	m 32 06.0 s	m 32 00.1 s	m 31 53.8 s	m 31 47.9 s	m 31 42.6 s	m 31 37.6 s	m 31 32.7 s	m 31 29.7 s	m 31 25.4 s	m 31 22.2 s	m 31 19.3 s	m 31 18.3 s
136	m 32 25.0 s	m 32 20.0 s	m 32 14.0 s	m 32 08.1 s	m 32 01.8 s	m 31 55.9 s	m 31 50.5 s	m 31 45.5 s	m 31 40.7 s	m 31 37.6 s	m 31 33.4 s	m 31 30.1 s	m 31 27.2 s	m 31 26.2 s
137	m 32 33.0 s	m 32 28.0 s	m 32 22.0 s	m 32 16.1 s	m 32 09.8 s	m 32 03.9 s	m 31 58.4 s	m 31 53.4 s	m 31 48.7 s	m 31 45.5 s	m 31 41.3 s	m 31 38.0 s	m 31 35.2 s	m 31 34.2 s
138	m 32 42.0 s	m 32 37.0 s	m 32 31.0 s	m 32 25.1 s	m 32 18.9 s	m 32 12.9 s	m 32 07.3 s	m 32 02.3 s	m 31 57.8 s	m 31 54.4 s	m 31 50.2 s	m 31 47.0 s	m 31 44.1 s	m 31 43.1 s
139	m 32 50.0 s	m 32 45.0 s	m 32 39.0 s	m 32 33.0 s	m 32 26.9 s	m 32 21.0 s	m 32 15.1 s	m 32 10.1 s	m 32 05.9 s	m 32 02.2 s	m 31 58.1 s	m 31 55.0 s	m 31 52.0 s	m 31 51.0 s
140	m 32 59.0 s	m 32 54.0 s	m 32 48.0 s	m 32 42.0 s	m 32 36.0 s	m 32 30.0 s	m 32 24.0 s	m 32 19.0 s	m 32 15.0 s	m 32 11.0 s	m 32 07.0 s	m 32 04.0 s	m 32 01.0 s	m 32 00.0 s

TIMES OF SS BRANCH

Depth  $h =$

Surface	0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
10	4	35.0	4	30.0	4	29.0																				
11	5	00.0	4	54.8	4	53.4																				
12	5	25.0	5	19.7	5	17.9																				
13	5	50.0	5	44.5	5	42.5																				
14	6	15.0	6	09.4	6	07.2																				
15	6	40.0	6	34.3	6	31.9																				
16	7	05.0	6	59.2	6	56.6																				
17	7	30.0	7	24.1	7	21.4																				
18	7	55.0	7	49.1	7	46.3																				
19	8	20.0	8	14.0	8	11.1																				
20	8	45.0	8	39.0	8	36.0	8	35.0	8	35.0																
21	9	09.0	9	03.0	8	59.9	8	58.4	8	58.2																
22	9	34.0	9	28.0	9	24.8	9	22.8	9	22.5																
23	9	58.0	9	52.0	9	48.7	9	46.3	9	45.7																
24	10	22.0	10	16.0	10	12.5	10	09.8	10	09.0																
25	10	47.0	10	41.0	10	37.4	10	34.3	10	33.2																
26	11	11.0	11	05.0	11	01.2	10	57.8	10	56.4																
27	11	35.0	11	29.0	11	25.0	11	21.4	11	19.6																
28	11	59.0	11	53.0	11	48.7	11	44.9	11	42.8																
29	12	22.0	12	16.0	12	11.4	12	07.5	12	04.9																
30	12	46.0	12	40.0	12	35.0	12	31.0	12	28.0																
31	13	09.0	13	03.0	12	57.5	12	53.5	12	50.0																
32	13	33.0	13	27.0	13	21.0	13	17.0	13	13.0																
33	13	56.0	13	50.0	13	43.4	13	39.5	13	34.9																
34	14	19.0	14	13.0	14	05.7	14	01.9	13	56.7																
35	14	42.0	14	36.0	14	27.8	14	24.3	14	18.5																
36	15	05.0	14	59.0	14	52.0	14	47.0	14	42.0																
37	15	27.0	15	21.4	15	14.1	15	09.1	15	03.9																
38	15	50.0	15	44.0	15	37.0	15	31.0	15	25.0																
39	16	12.0	16	05.7	15	58.7	15	51.1	15	44.1																
40	16	34.0	16	28.0	16	20.0	16	11.0	16	03.0																
41	16	56.0	16	49.5	16	40.2	16	31.1	16	23.2																
42	17	15.0	17	08.0	16	58.0	16	49.0	16	41.0																
43	17	34.0	17	26.6	17	16.3	17	07.6	16	59.4																
44	17	52.0	17	44.3	17	34.0	17	25.7	17	17.1																
45	18	11.0	18	03.0	17	53.0	17	45.0	17	36.0																
46	18	29.0	18	20.8	18	11.1	18	03.3	17	53.9																
47	18	46.0	18	37.7	18	28.2	18	20.4	18	10.6																
48	19	04.0	18	55.7	18	46.1	18	38.0	18	28.0																
49	19	21.0	19	12.8	19	02.7	18	54.0	18	43.9																

Δ	Depth h =													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
50	19 38.0	19 30.0	19 19.0	19 09.0	18 59.0	18 50.0	18 42.0	18 33.0	18 26.0	18 20.0	18 14.0	18 10.0	18 07.0	18 05.0
51	19 55.0	19 47.0	19 35.9	19 25.7	19 15.6	19 06.6	18 58.6	18 49.5	18 42.4	18 36.3	18 30.2	18 26.2	18 23.0	18 20.9
52	20 11.0	20 03.0	19 51.9	19 41.4	19 31.2	19 22.3	19 14.1	19 05.0	18 57.8	18 51.7	18 45.4	18 41.4	18 38.1	18 35.9
53	20 28.0	20 20.0	20 08.8	19 58.2	19 48.0	19 39.0	19 30.8	19 21.6	19 14.3	19 08.1	19 01.7	18 57.7	18 54.3	18 52.0
54	20 44.0	20 36.0	20 24.8	20 14.1	20 03.8	19 54.8	19 46.4	19 37.2	19 29.9	19 23.5	19 17.2	19 13.0	19 09.7	19 07.2
55	21 00.0	20 52.0	20 40.8	20 30.0	20 19.8	20 10.6	20 02.1	19 52.9	19 45.5	19 39.0	19 32.7	19 28.4	19 25.1	19 22.5
56	21 16.0	21 08.0	20 56.8	20 45.9	20 35.7	20 26.4	20 17.6	20 08.7	20 01.1	19 54.5	19 48.2	19 43.8	19 40.5	19 37.8
57	21 33.0	21 25.0	21 13.9	21 02.9	20 52.7	20 43.3	20 34.6	20 25.4	20 17.8	20 11.1	20 04.8	20 00.3	19 57.1	19 54.3
58	21 49.0	21 41.0	21 29.9	21 18.9	21 08.8	20 59.2	20 50.4	20 41.3	20 33.5	20 26.7	20 20.5	20 15.8	20 12.7	20 09.8
59	22 05.0	21 57.0	21 46.0	21 35.0	21 24.9	21 15.1	21 06.2	20 57.1	20 49.2	20 42.3	20 36.2	20 31.4	20 28.3	20 25.4
60	22 20.0	22 12.0	22 01.0	21 50.0	21 40.0	21 30.0	21 21.0	21 12.0	21 04.0	20 57.0	20 51.0	20 46.0	20 43.0	20 40.0
61	22 36.0	22 28.0	22 17.0	22 06.0	21 56.0	21 45.9	21 36.9	21 27.9	21 19.8	21 12.8	21 06.7	21 01.7	20 58.7	20 55.5
62	22 52.0	22 44.0	22 33.0	22 22.0	22 12.0	22 01.8	21 52.7	21 43.7	21 35.7	21 28.7	21 22.5	21 17.4	21 14.3	21 11.1
63	23 08.0	23 00.0	22 49.1	22 38.0	22 28.0	22 17.6	22 08.6	21 59.6	21 51.6	21 44.6	21 38.2	21 33.2	21 30.0	21 26.7
64	23 23.0	23 15.0	23 04.1	22 53.0	22 43.0	22 32.5	22 23.5	22 14.5	22 06.5	21 59.5	21 53.0	21 48.0	21 44.7	21 41.3
65	23 39.0	23 31.0	23 20.1	23 09.0	22 59.0	22 48.4	22 39.4	22 30.4	22 22.4	22 15.4	22 08.8	22 03.7	22 00.4	21 56.9
66	23 54.0	23 46.0	23 35.1	23 24.0	23 14.0	23 03.4	22 54.3	22 45.4	22 37.3	22 30.3	22 23.6	22 18.6	22 15.2	22 11.5
67	24 10.0	24 02.0	23 51.1	23 40.0	23 30.0	23 19.3	23 10.2	23 01.3	22 53.2	22 46.2	22 39.5	22 34.5	22 30.9	22 27.1
68	24 25.0	24 17.0	24 06.1	23 55.0	23 45.0	23 34.2	23 25.1	23 16.2	23 08.2	23 01.2	22 54.3	22 49.3	22 45.6	22 41.8
69	24 41.0	24 33.0	24 22.0	24 11.0	24 01.0	23 50.1	23 41.1	23 32.1	23 24.1	23 17.1	23 10.2	23 05.2	23 01.3	22 57.4
70	24 56.0	24 48.0	24 37.0	24 26.0	24 16.0	24 05.0	23 56.0	23 47.0	23 39.0	23 32.0	23 25.0	23 20.0	23 16.0	23 12.0
71	25 12.0	25 04.0	24 52.9	24 41.9	24 31.9	24 20.9	24 11.9	24 02.8	23 54.8	23 47.7	23 40.8	23 35.8	23 31.5	23 27.5
72	25 27.0	25 19.0	25 07.8	24 56.8	24 46.9	24 35.8	24 26.8	24 17.6	24 09.7	24 02.5	23 55.6	23 50.5	23 46.0	23 42.0
73	25 43.0	25 35.0	25 23.7	25 12.7	25 02.8	24 51.7	24 42.8	24 33.4	24 25.5	24 18.2	24 11.5	24 06.2	24 01.5	23 57.5
74	25 58.0	25 50.0	25 38.6	25 27.6	25 17.7	25 06.6	24 57.7	24 48.2	24 40.3	24 32.9	24 26.3	24 20.9	24 16.0	24 12.0
75	26 13.0	26 05.0	25 53.5	25 42.5	25 32.6	25 21.5	25 12.6	25 03.0	24 55.1	24 47.6	24 41.1	24 35.6	24 30.5	24 26.5
76	26 29.0	26 21.0	26 09.4	25 58.4	25 48.5	25 37.4	25 28.5	25 18.8	25 10.9	25 03.3	24 56.9	24 51.3	24 46.0	24 42.0
77	26 44.0	26 36.0	26 24.3	26 13.3	26 03.4	25 52.3	25 43.4	25 33.6	25 25.7	25 17.9	25 11.7	25 06.0	25 00.5	24 56.5
78	26 59.0	26 51.0	26 39.2	26 28.2	26 18.2	26 07.2	25 58.3	25 48.4	25 40.4	25 32.6	25 26.5	25 20.7	25 15.0	25 11.0
79	27 14.0	27 06.0	26 54.1	26 43.1	26 33.1	26 22.1	26 13.1	26 03.2	25 55.2	25 47.3	25 41.2	25 35.4	25 29.5	25 25.5
80	27 29.0	27 21.0	27 09.0	26 58.0	26 48.0	26 37.0	26 28.0	26 18.0	26 10.0	26 02.0	25 56.0	25 50.0	25 44.0	25 40.0
81	27 44.0	27 36.0	27 24.0	27 13.0	27 02.9	26 51.9	26 42.8	26 32.9	26 24.8	26 16.8	26 10.7	25 04.6	25 58.7	25 54.6
82	27 59.0	27 51.0	27 39.0	27 28.0	27 17.8	27 06.8	26 57.6	26 47.8	26 39.6	26 31.6	26 25.5	26 19.2	26 13.3	26 09.2
83	28 14.0	28 06.0	27 53.9	27 43.0	27 32.7	27 21.7	27 12.4	27 02.7	26 54.4	26 46.3	26 40.2	26 33.9	26 28.0	26 23.7
84	28 28.0	28 20.0	28 07.9	27 57.0	27 46.6	27 35.6	27 26.2	27 16.6	27 08.2	27 00.1	26 53.9	26 47.4	26 41.7	26 37.3
85	28 43.0	28 35.0	28 22.9	28 12.0	28 01.5	27 50.5	27 41.0	27 31.5	27 23.0	27 14.9	27 08.6	27 02.0	26 56.4	26 51.9
86	28 58.0	28 50.0	28 38.0	28 27.0	28 16.4	28 05.4	27 55.8	27 46.4	27 37.8	27 29.8	27 23.3	27 16.6	27 11.2	27 06.6
87	29 12.0	29 04.0	28 52.0	28 41.0	28 30.3	28 19.3	28 09.6	28 00.3	27 51.6	27 43.6	27 37.0	27 30.2	27 24.3	27 20.2
88	29 27.0	29 19.0	29 07.0	28 56.0	28 45.2	28 34.2	28 24.4	28 15.2	28 06.4	27 58.4	27 51.6	27 44.8	27 39.6	27 34.8
89	29 41.0	29 33.0	29 21.0	29 10.0	28 59.1	28 48.1	28 38.2	28 29.1	28 20.2	28 12.2	28 05.3	27 58.4	27 53.3	27 48.4

## TIMES OF SS BRANCH

Depth  $h =$ 

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
90	29	56.0	29	48.0	29	36.0	29	25.0	29	14.0	29	03.0	28	53.0	28	44.0	28	35.0	28	27.0	28	20.0	28	13.0	28	08.0	28	00.0
91	30	10.0	30	02.0	29	50.0	29	38.9	29	27.9	29	16.9	29	06.9	28	57.8	28	48.8	28	40.8	28	33.7	28	26.7	28	21.6	28	16.6
92	30	24.0	30	16.0	30	04.0	29	52.8	29	41.8	29	30.8	29	20.8	29	11.6	29	02.6	28	54.6	28	47.4	28	40.3	28	35.2	28	30.2
93	30	39.0	30	31.0	30	19.0	30	07.7	29	56.7	29	45.7	29	35.6	29	26.4	29	17.4	29	09.4	29	02.1	28	55.0	28	49.8	28	44.6
94	30	53.0	30	45.0	30	33.0	30	21.6	30	10.6	29	59.6	29	49.5	29	40.2	29	31.2	29	23.2	29	15.8	29	08.7	29	03.4	28	58.4
95	31	07.0	30	59.0	30	47.0	30	35.5	30	24.5	30	13.5	30	03.4	29	54.0	29	45.0	29	37.0	29	29.4	29	22.4	29	17.0	29	12.0
96	31	21.0	31	13.0	31	01.0	30	49.4	30	38.4	30	27.4	30	17.4	30	07.8	29	53.8	29	50.8	29	43.1	29	36.1	29	30.8	29	25.6
97	31	35.0	31	27.0	31	15.0	31	03.3	30	52.3	30	41.3	30	31.3	30	21.6	30	12.6	30	04.6	29	56.8	29	49.8	29	44.2	29	39.2
98	31	49.0	31	41.0	31	29.0	31	17.2	31	06.2	30	55.2	30	45.2	30	35.4	30	26.4	30	18.4	30	10.6	30	03.5	29	57.8	29	52.8
99	32	03.0	31	55.0	31	43.0	31	31.1	31	20.1	31	09.1	30	59.1	30	49.2	30	40.2	30	32.2	30	24.3	30	17.3	30	11.4	30	06.4
100	32	17.0	32	09.0	31	57.0	31	45.0	31	34.0	31	23.0	31	13.0	31	03.0	30	54.0	30	46.0	30	38.3	30	31.0	30	25.0	30	20.0
101	32	31.0	32	23.0	32	11.0	31	59.0	31	47.9	31	36.9	31	26.9	31	16.9	31	07.8	30	59.8	30	51.8	30	44.8	30	38.7	30	33.6
102	32	45.0	32	37.0	32	25.0	32	13.0	32	01.8	31	50.8	31	40.8	31	30.8	31	21.6	31	13.6	31	05.6	30	58.6	30	52.4	30	47.2
103	32	59.0	32	51.0	32	39.1	32	27.0	32	15.7	32	04.7	31	54.7	31	44.7	31	35.4	31	27.4	31	19.3	31	12.4	31	06.0	31	00.8
104	33	12.0	33	04.0	32	52.1	32	40.0	32	28.6	32	17.6	32	07.6	31	57.6	31	48.2	31	40.2	31	32.1	31	25.0	31	18.7	31	13.4
105	33	26.0	33	18.0	33	06.1	32	54.0	32	42.4	32	31.4	32	21.5	32	11.5	32	01.9	31	54.0	31	45.9	31	39.0	31	32.4	31	26.9
106	33	40.0	33	32.0	33	20.1	33	08.0	32	56.3	32	45.3	32	35.4	32	25.4	32	15.7	32	07.8	31	59.8	31	52.8	31	46.2	31	40.5
107	33	53.0	33	45.0	33	33.1	33	21.0	33	09.2	32	58.2	32	48.3	32	38.3	32	28.5	32	20.6	32	12.6	32	05.6	31	58.9	31	53.1
108	34	07.0	33	59.0	33	47.1	33	35.0	33	23.2	33	12.2	33	02.2	32	52.2	32	42.4	32	34.4	32	26.4	32	19.4	32	12.6	32	06.8
109	34	20.0	34	12.0	34	00.0	33	48.0	33	36.1	33	25.1	33	15.1	33	05.1	32	55.2	32	47.2	32	39.2	32	32.2	32	25.3	32	19.4
110	34	34.0	34	26.0	34	14.0	34	02.0	33	50.0	33	39.0	33	29.0	33	19.0	33	09.0	33	01.0	32	53.0	32	46.0	32	39.0	32	33.0
111	34	47.0	34	39.0	34	26.9	34	14.9	34	03.0	33	52.0	33	41.9	33	31.8	33	21.9	33	13.8	33	05.8	32	58.7	32	51.7	32	45.7
112	35	00.0	34	52.0	34	39.8	34	27.8	34	16.0	34	05.0	33	54.8	33	44.6	33	34.8	33	26.6	33	18.6	33	11.5	33	04.4	32	58.4
113	35	14.0	35	06.0	34	53.7	34	41.7	34	30.0	34	19.0	34	08.7	33	58.4	33	48.7	33	40.4	33	32.5	33	25.2	33	18.1	33	12.1
114	35	27.0	35	19.0	35	06.6	34	54.6	34	43.0	34	32.0	34	21.6	34	11.2	34	01.6	33	53.2	33	45.3	33	37.9	33	30.8	33	24.8
115	35	40.0	35	32.0	35	19.5	35	07.5	34	56.0	34	45.0	34	34.5	34	24.0	34	14.5	34	06.0	33	58.1	33	50.6	33	43.5	33	37.5
116	35	53.0	35	45.0	35	32.4	35	20.4	35	09.0	34	58.0	34	47.4	34	36.8	34	27.4	34	18.8	34	10.9	34	03.3	32	56.2	33	50.2
117	36	06.0	35	58.0	35	45.3	35	33.3	35	22.0	35	11.0	35	00.3	34	49.6	34	40.3	34	31.6	34	23.7	34	16.0	34	08.9	34	02.9
118	36	19.0	36	11.0	35	58.2	35	46.2	35	35.0	35	24.0	35	13.2	35	02.4	34	53.2	34	44.4	34	36.5	34	28.6	34	21.6	34	15.6
119	36	32.0	36	24.0	36	11.1	35	59.1	35	48.0	35	37.0	35	26.1	35	15.2	35	06.1	34	57.2	34	49.2	34	41.3	34	34.3	34	28.3
120	36	45.0	36	37.0	36	24.3	36	12.0	36	01.0	35	50.0	35	39.0	35	28.0	35	19.0	35	10.0	35	02.0	34	54.0	34	47.0	34	41.0
121	36	58.0	36	50.0	36	37.0	36	25.0	36	13.9	36	02.9	35	51.9	35	40.9	35	31.8	35	22.8	35	14.7	35	06.7	34	59.7	34	53.6
122	37	11.0	37	03.0	36	50.0	36	38.0	36	26.9	36	15.9	36	04.8	35	53.8	35	44.7	35	35.6	35	27.4	35	19.4	35	12.4	35	06.2
123	37	24.0	37	16.1	37	02.9	36	51.0	36	39.8	36	28.8	36	17.7	36	06.6	35	57.5	35	48.4	35	40.1	35	32.1	35	25.1	35	18.8
124	37	36.0	37	28.1	37	14.9	37	03.0	36	51.7	36	40.7	36	29.6	36	18.5	36	09.3	36	00.2	35	51.8	35	43.8	35	36.8	35	30.4
125	37	49.0	37	41.1	37	27.9	37	16.0	37	04.6	36	53.6	36	42.5	36	31.4	36	22.1	36	13.0	36	04.5	35	56.4	35	49.5	35	43.0
126	38	01.0	37	53.1	37	40.0	37	28.0	37	16.5	37	05.5	36	54.4	36	43.4	36	33.9	36	24.8	36	16.2	36	08.1	36	01.2	35	54.6
127	38	14.0	38	06.1	37	53.0	37	41.0	37	29.4	37	18.4	37	07.3	36	56.3	36	46.7	36	37.6	36	28.9	36	20.8	36	13.9	36	07.2
128	38	26.0	38	18.1	38	05.0	37	53.0	37	41.2	37	30.2	37	19.2	37	08.2	36	58.4	36	49.4	36	40.6	36	32.6	36	25.6	36	18.8
129	38	39.0	38	31.0	38	18.0	38	06.0	37	54.1	37	43.1	37	32.1	37	21.1	37	11.2	37	02.2	36	53.3	36	45.3	36	38.3	36	31.4

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
130	38 51.0	38 43.0	38 30.0	38 18.0	38 06.0	37 55.0	37 44.0	37 33.0	37 23.0	37 14.0	37 05.0	36 57.0	36 50.0	36 43.0
131	39 03.0	38 54.9	38 42.0	38 29.9	38 17.9	38 06.9	37 55.9	37 44.9	37 34.8	37 25.8	37 16.8	37 08.8	37 01.7	36 54.7
132	39 16.0	39 07.8	38 55.0	38 42.8	38 30.8	38 19.8	38 08.8	37 57.8	37 47.6	37 38.6	37 29.6	37 21.6	37 14.6	37 07.4
133	39 28.0	39 19.7	39 07.0	38 54.7	38 42.7	38 31.7	38 20.7	38 09.8	37 59.4	37 50.4	37 41.3	37 33.4	37 26.1	37 19.1
134	39 40.0	39 31.6	39 19.0	39 06.6	38 54.6	38 43.6	38 32.6	38 21.7	38 11.2	38 02.2	37 53.1	37 45.2	37 37.8	37 30.8
135	39 52.0	39 43.5	39 31.0	39 18.5	39 06.5	38 55.5	38 44.5	38 33.6	38 22.9	38 14.0	38 04.9	37 57.0	37 49.5	37 42.5
136	40 04.0	39 55.4	39 43.0	39 30.4	39 18.4	39 07.4	38 56.4	38 45.5	38 34.7	38 25.8	38 16.8	38 08.8	38 01.2	37 54.2
137	40 16.0	40 07.3	39 55.0	39 42.3	39 30.3	39 19.3	39 08.3	38 57.4	38 46.5	38 37.6	38 28.6	38 20.6	38 12.9	38 05.9
138	40 28.0	40 19.2	40 07.0	39 54.2	39 42.2	39 31.2	39 20.2	39 09.3	38 58.4	38 49.4	38 40.4	38 32.4	38 24.6	38 17.6
139	40 39.0	40 30.1	40 18.0	40 05.1	39 53.1	39 42.1	39 31.1	39 20.1	39 09.2	39 00.2	38 51.2	38 43.2	38 35.3	38 28.3
140	40 51.0	40 42.0	40 30.0	40 17.0	40 05.0	39 54.0	39 43.0	39 32.0	39 21.0	39 12.0	39 03.0	38 55.0	38 47.0	38 40.0
141	41 03.0	40 54.0	40 42.0	40 29.0	40 16.9	40 05.9	39 54.9	39 43.8	39 32.9	39 23.8	39 14.8	39 06.7	38 58.7	38 51.6
142	41 15.0	41 06.0	40 54.0	40 41.0	40 28.6	40 17.8	40 06.8	39 55.6	39 44.8	39 35.6	39 26.6	39 18.4	39 10.4	39 03.2
143	41 26.0	41 16.9	41 05.1	40 52.0	40 39.7	40 28.7	40 17.8	40 06.4	39 55.7	39 46.4	39 37.4	39 29.1	39 21.1	39 13.8
144	41 38.0	41 28.9	41 17.1	41 04.0	40 51.6	40 40.6	40 29.7	40 18.2	40 07.6	39 58.2	39 49.2	39 40.8	39 32.8	39 25.4
145	41 49.0	41 39.9	41 28.1	41 15.0	41 02.4	40 51.5	40 40.6	40 29.0	40 18.5	40 09.7	40 00.0	39 51.5	39 43.4	39 36.0
146	42 00.0	41 51.0	41 39.1	41 26.0	41 13.3	41 02.4	40 51.5	40 39.8	40 29.4	40 19.9	40 10.8	40 02.2	39 54.1	39 46.6
147	42 12.0	42 03.0	41 51.1	41 38.0	41 25.2	41 14.3	41 03.4	40 51.6	40 41.3	40 31.6	40 22.6	40 13.9	40 05.8	39 58.2
148	42 23.0	42 14.0	42 02.1	41 49.0	41 36.2	41 25.2	41 14.3	41 02.4	40 52.2	40 42.4	40 33.4	40 24.6	40 16.6	40 08.8
149	42 34.0	42 25.0	42 13.0	42 00.0	41 47.1	41 36.1	41 25.1	41 13.2	41 03.1	40 53.2	40 44.2	40 35.3	40 27.3	40 19.4
150	42 45.0	42 36.0	42 24.0	42 11.0	41 58.0	41 47.0	41 36.0	41 24.0	41 14.0	41 04.0	40 55.0	40 46.0	40 38.0	40 30.0
151	42 56.0	42 47.0	42 34.9	42 21.8	42 09.0	41 57.9	41 46.8	41 34.9	41 24.8	41 14.8	41 05.8	40 56.8	40 48.8	40 40.7
152	43 07.0	42 58.0	42 45.8	42 32.8	42 20.0	42 08.8	41 57.6	41 45.8	41 35.6	41 25.6	41 16.6	41 07.6	40 59.6	40 51.3
153	43 18.0	43 09.0	42 56.7	42 43.7	42 31.0	42 19.7	42 08.4	41 56.6	41 46.4	41 36.4	41 27.4	41 18.3	41 10.4	41 02.0
154	43 29.0	43 20.0	43 07.6	42 54.6	42 42.0	42 30.6	42 19.2	42 07.5	41 57.2	41 47.2	41 38.2	41 29.1	41 21.2	41 12.7
155	43 40.0	43 31.0	43 18.5	43 05.5	42 53.0	42 41.5	42 30.0	42 18.4	42 08.0	41 57.9	41 49.0	41 39.9	41 32.0	41 23.4
156	43 51.0	43 42.0	43 29.4	43 16.4	43 04.0	42 52.4	42 40.8	42 29.4	42 18.8	42 08.7	41 59.8	41 50.8	41 42.8	41 34.1
157	44 01.0	43 52.0	43 39.3	43 26.3	43 14.0	43 02.3	42 50.6	42 39.3	42 28.6	42 18.5	42 09.6	42 00.6	41 52.6	41 43.8
158	44 12.0	44 03.0	43 50.2	43 37.2	43 25.0	43 13.2	43 01.4	42 50.2	42 39.4	42 29.4	42 20.4	42 11.4	42 03.4	41 54.5
159	44 23.0	44 14.0	44 01.1	43 48.1	43 36.0	43 24.1	43 12.2	43 01.1	42 50.2	42 40.2	42 31.2	42 22.2	42 14.2	42 05.3
160	44 33.0	44 24.0	44 11.0	43 58.0	43 46.0	43 34.0	43 22.0	43 11.0	43 00.0	42 50.0	42 41.0	42 32.0	42 24.0	42 15.0
161	44 43.0	44 34.0	44 21.0	44 08.0	43 55.9	43 43.9	43 31.9	43 20.9	43 09.9	42 59.9	42 50.8	42 41.8	42 33.7	42 24.8
162	44 54.0	44 45.0	44 32.0	44 19.0	44 06.8	43 54.8	43 42.8	43 31.8	43 20.8	43 10.8	43 01.6	42 52.6	42 44.5	42 35.6
163	45 04.0	44 55.0	44 41.9	44 28.9	44 16.7	44 04.7	43 52.6	43 41.7	43 30.7	43 20.7	43 11.4	43 02.5	42 54.2	42 45.4
164	45 15.0	45 06.0	44 52.9	44 39.9	44 27.6	44 15.6	44 03.5	43 52.6	43 41.6	43 31.6	43 22.2	43 13.3	43 04.9	42 56.2
165	45 25.0	45 16.0	45 02.9	44 49.9	44 37.5	44 25.5	44 13.4	44 02.5	43 51.5	43 41.5	43 32.0	43 23.1	43 14.6	43 06.0
166	45 35.0	45 26.0	45 13.0	45 00.0	44 47.4	44 35.4	44 23.4	44 12.4	44 01.4	43 51.4	43 41.8	43 32.9	43 24.3	43 15.8
167	45 45.0	45 36.0	45 23.0	45 10.0	44 57.3	44 45.3	44 33.3	44 22.3	44 11.3	44 01.3	43 51.6	43 42.7	43 34.0	43 25.6
168	45 55.0	45 46.0	45 33.0	45 20.0	45 07.2	44 55.2	44 43.2	44 32.2	44 21.2	44 11.2	44 01.4	43 52.5	43 43.6	43 35.4
169	46 05.0	45 56.0	45 43.0	45 30.0	45 17.1	45 05.1	44 53.1	44 42.1	44 31.1	44 21.1	44 11.2	44 02.2	43 53.3	43 45.2

TIMES OF SS BRANCH

$\Delta$	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
170	46 15.0	46 06.0	45 53.0	45 40.0	45 27.0	45 15.0	45 03.0	44 52.0	44 41.0	44 31.0	44 21.0	44 12.0	44 03.0	43 55.0
171	46 24.0	46 15.0	46 02.0	45 49.0	45 35.9	45 23.9	45 11.9	45 00.9	44 49.9	44 39.9	44 29.8	44 20.8	44 11.7	44 03.8
172	46 34.0	46 25.0	46 12.0	45 59.0	45 45.9	45 33.8	45 21.8	45 10.8	44 59.8	44 49.8	44 39.6	44 30.5	44 21.4	44 13.6
173	46 44.0	46 35.0	46 22.1	46 09.1	45 55.8	45 43.7	45 31.8	45 20.7	45 09.6	44 59.6	44 49.4	44 40.3	44 31.1	44 23.3
174	46 53.0	46 44.0	46 31.1	46 18.1	46 04.8	45 52.6	45 40.7	45 29.6	45 18.4	45 08.4	44 58.2	44 49.0	44 39.8	44 32.0
175	47 03.0	46 54.0	46 41.1	46 28.1	46 14.8	46 02.5	45 50.6	45 39.5	45 28.3	45 18.3	45 08.0	44 58.7	44 49.4	44 41.8
176	47 12.0	47 03.0	46 50.1	46 37.1	46 23.8	46 11.4	45 59.5	45 48.4	45 37.1	45 27.1	45 16.8	45 07.4	44 58.1	44 50.5
177	47 21.0	47 12.0	46 59.1	46 46.1	46 32.8	46 20.3	46 08.4	45 57.3	45 45.8	45 35.8	45 25.6	45 16.1	45 06.8	44 59.1
178	47 31.0	47 22.0	47 09.1	46 56.1	46 42.8	46 30.2	46 18.3	46 07.2	45 55.6	45 45.6	45 35.4	45 25.7	45 16.6	45 08.8
179	47 40.0	47 31.0	47 18.0	47 05.0	46 51.9	46 39.1	46 27.1	46 16.1	46 04.3	45 54.3	45 44.2	45 34.4	45 25.3	45 17.4
180	47 49.0	47 40.0	47 27.0	47 14.0	47 01.0	46 48.0	46 36.0	46 25.0	46 13.0	46 03.0	45 53.0	45 43.0	45 34.0	45 26.0

Depth  $h =$ 

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
44	14	50.0	14	42.0	14	29.9	14	19.3	14	08.2	13	57.2	13	47.1	13	37.1	13	28.5	13	20.8	13	13.7	13	08.0	13	01.9	12	57.2
45	15	05.0	14	57.0	14	44.9	14	34.3	14	23.2	14	12.2	14	02.1	13	52.1	13	42.4	13	35.7	13	28.6	13	22.9	13	16.8	13	12.1
46	15	19.0	15	11.0	14	59.0	14	48.2	14	37.2	14	26.2	14	16.1	14	06.1	13	57.4	13	49.6	13	42.5	13	36.8	13	30.7	13	25.9
47	15	33.0	15	25.0	15	13.0	15	02.2	14	51.2	14	40.2	14	30.1	14	20.1	14	11.3	14	03.5	13	56.4	13	50.6	13	44.6	13	39.8
48	15	48.0	15	40.0	15	28.0	15	17.2	15	06.1	14	55.1	14	45.1	14	35.1	14	26.2	14	18.3	14	11.3	14	05.4	13	59.4	13	54.5
49	16	02.0	15	54.0	15	42.0	15	31.1	15	20.1	15	09.1	14	59.1	14	49.1	14	40.1	14	32.2	14	25.2	14	19.2	14	13.2	14	08.3
50	16	16.0	16	08.0	15	56.0	15	45.0	15	34.0	15	23.0	15	13.0	15	03.0	14	54.0	14	46.0	14	39.0	14	33.0	14	27.0	14	22.0
51	16	30.0	16	22.0	16	10.0	15	58.9	15	47.2	15	36.9	15	27.0	15	17.0	14	59.8	14	51.8	14	44.8	14	38.8	14	32.8	14	26.8
52	16	45.0	16	37.0	16	25.0	16	13.8	16	02.9	15	51.9	15	41.9	15	31.9	15	22.8	15	14.7	15	07.7	15	01.5	14	55.5	14	50.4
53	16	59.0	16	51.0	16	39.1	16	27.7	16	16.8	16	05.8	15	55.8	15	45.8	15	36.8	15	28.5	15	21.5	15	15.2	15	09.3	15	04.0
54	17	13.0	17	05.0	16	53.1	16	41.6	16	30.7	16	19.7	16	09.7	15	59.7	15	50.7	15	42.3	15	35.3	15	28.9	15	23.0	15	17.6
55	17	27.0	17	19.0	17	07.1	16	55.5	16	44.6	16	33.6	16	23.6	16	13.6	16	04.6	16	09.9	16	02.9	15	46.6	15	40.7	15	35.2
56	17	41.0	17	33.0	17	21.1	17	09.4	16	58.5	16	47.5	16	37.5	16	27.5	16	18.5	16	09.9	16	02.9	15	46.6	15	40.7	15	35.2
57	17	55.0	17	47.0	17	35.1	17	23.3	17	12.4	17	01.4	16	51.4	16	41.4	16	32.4	16	23.7	16	16.7	16	10.0	16	04.1	15	58.3
58	18	09.0	18	01.0	17	49.1	17	37.2	17	26.2	17	15.2	17	05.3	16	55.3	16	46.3	16	37.4	16	30.5	16	23.7	16	17.7	16	11.9
59	18	23.0	18	15.0	18	03.0	18	05.0	17	54.0	17	43.0	17	33.0	17	23.0	17	14.0	17	05.0	16	58.0	16	51.0	16	45.0	16	39.0
60	18	37.0	18	29.0	18	17.0	18	05.0	18	06.9	17	55.9	17	45.8	17	35.8	17	26.8	17	17.8	17	10.7	17	03.7	17	17.4	17	11.2
61	18	50.0	18	42.0	18	29.9	18	18.0	18	06.9	18	09.8	17	59.6	17	49.6	17	40.7	17	31.6	17	24.5	17	17.4	17	11.2	17	05.2
62	19	04.0	18	56.0	18	43.8	18	32.0	18	20.8	18	09.8	18	03.8	18	43.8	18	34.9	18	25.8	18	18.3	18	11.2	18	04.7	17	58.7
63	19	18.0	19	10.0	18	57.7	18	46.0	18	34.7	18	23.7	18	13.4	18	03.4	18	47.7	18	38.6	18	31.0	18	23.9	18	17.3	18	11.3
64	19	32.0	19	24.0	19	11.6	19	00.0	18	48.6	18	37.6	18	27.2	18	17.2	18	08.3	18	05.2	18	44.6	18	37.6	18	30.8	18	24.9
65	19	45.0	19	37.0	19	24.5	19	13.0	19	01.5	18	50.5	18	40.0	18	30.0	18	21.1	18	12.0	18	04.6	17	57.5	17	51.1	17	45.1
66	19	59.0	19	51.0	19	38.4	19	27.0	19	15.4	19	04.4	18	53.8	18	43.8	18	34.9	18	25.8	18	18.3	18	11.2	18	04.7	17	58.7
67	20	12.0	20	04.0	19	51.3	19	40.0	19	28.3	19	17.3	19	06.6	18	56.6	18	47.7	18	38.6	18	31.0	18	23.9	18	17.3	18	11.3
68	20	26.0	20	18.0	20	05.2	19	54.0	19	42.2	19	31.2	19	20.4	19	10.4	19	01.4	18	52.4	18	44.6	18	37.6	18	30.8	18	24.9
69	20	39.0	20	31.0	20	18.1	20	07.0	19	55.1	19	44.1	19	33.2	19	23.2	19	14.2	19	05.2	18	57.3	18	50.3	18	43.4	18	37.4
70	20	52.0	20	44.0	20	31.0	20	20.0	20	08.0	19	57.0	19	46.0	19	36.0	19	27.0	19	18.0	19	10.0	19	03.0	18	56.0	18	50.0
71	21	05.0	20	57.1	20	44.0	20	32.9	20	20.9	20	09.9	19	58.9	19	48.9	19	39.8	19	30.9	19	22.7	19	15.7	19	08.6	19	02.5
72	21	19.0	21	11.1	20	58.0	20	46.8	20	34.8	20	23.9	20	12.8	20	02.8	19	53.5	19	44.7	19	36.4	19	29.5	19	22.2	19	16.0
73	21	32.0	21	24.2	21	11.0	20	59.7	20	47.6	20	36.8	20	25.7	20	15.7	20	06.4	19	57.6	19	49.0	19	42.2	19	34.8	19	28.5
74	21	45.0	21	37.2	21	24.0	21	12.6	21	00.5	20	49.7	20	38.6	20	28.6	20	19.2	20	10.4	20	01.7	19	54.9	19	47.4	19	41.0
75	21	58.0	21	50.2	21	37.0	21	25.5	21	13.4	21	02.6	20	51.6	20	41.6	20	32.0	20	23.2	20	14.4	20	07.5	20	00.0	19	53.5
76	22	11.0	22	03.2	21	50.0	21	38.3	21	26.3	21	15.5	21	04.5	20	54.5	20	44.8	20	36.0	20	27.1	20	20.3	20	12.6	20	05.9
77	22	23.0	22	15.2	22	02.0	21	50.2	21	38.2	21	27.4	21	16.4	21	06.4	20	56.6	20	47.8	20	38.8	20	32.0	20	24.2	20	17.4
78	22	36.0	22	28.2	22	15.0	22	03.2	21	51.1	21	40.3	21	29.3	21	19.3	21	09.4	21	00.6	20	51.5	20	44.7	20	36.8	20	30.0
79	22	49.0	22	41.1	22	28.0	22	16.1	22	04.1	21	53.2	21	42.1	21	32.1	21	22.2	21	13.3	21	04.3	21	07.4	20	57.4	20	50.4
80	23	01.0	22	53.0	22	40.0	22	28.0	22	16.0	22	05.0	21	54.0	21	44.0	21	34.0	21	25.0	21	16.0	21	09.0	21	01.0	20	54.0
81	23	14.0	23	05.8	22	53.0	22	41.0	22	29.0	22	17.8	22	06.8	21	56.8	21	46.8	21	37.6	21	28.8	21	21.5	21	13.6	21	06.7
82	23	26.0	23	17.6	23	05.0	22	53.1	22	41.1	22	29.6	22	18.6	22	08.6	22	53.6	22	49.2	22	40.7	22	33.2	22	25.2	22	18.3
83	23	39.0	23	30.4	23	18.0	23	06.1	22	54.1	22	42.3	22	31.3	22	21.4	22	11.4	22	01.8	22	53.5	22	45.3	22	37.8	22	31.0
84	23	51.0	23	42.2	23	30.0	23	18.1	23	06.1	22	54.2	22	43.2	22	33.2	22	23.2	22	13.4	22	05.3	22	57.4	22	49.4	22	42.5

TIMES OF SP BRANCH

Depth  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
85	24 03.0	23 54.0	23 42.0	23 30.0	23 18.0	23 06.0	22 55.0	22 45.0	22 35.0	22 25.0	22 17.0	22 09.0	22 01.0	21 54.0
86	24 16.0	24 06.9	23 55.0	23 42.9	23 30.9	23 18.9	23 07.9	22 57.8	22 47.8	22 37.7	22 29.7	22 21.6	22 13.6	22 06.4
87	24 28.0	24 18.8	24 07.0	23 54.8	23 42.8	23 30.8	23 19.8	23 09.6	22 59.6	22 49.4	22 41.4	22 33.2	22 25.2	22 17.7
88	24 40.0	24 30.8	24 19.0	24 06.6	23 54.6	23 42.6	23 31.6	23 21.4	23 11.4	23 01.2	22 53.0	22 44.8	22 36.8	22 29.0
89	24 52.0	24 42.9	24 31.0	24 18.3	24 06.3	23 54.9	23 43.9	23 33.2	23 23.2	23 13.1	23 04.5	22 55.4	22 43.4	22 40.1
90	25 03.0	24 54.0	24 42.0	24 29.0	24 17.0	24 06.0	23 55.0	23 44.7	23 34.0	23 24.0	23 15.0	23 07.0	22 59.0	22 50.0
91	25 15.0	25 06.0	24 53.8	24 41.0	24 28.8	24 17.9	24 06.6	23 55.6	23 45.4	23 35.4	23 26.4	23 18.4	23 10.2	23 01.4
92	25 27.0	25 18.0	25 05.6	24 52.9	24 40.6	24 29.7	24 18.2	24 07.2	23 56.8	23 46.8	23 37.8	23 29.8	23 21.4	23 12.7
93	25 38.0	25 29.0	25 16.4	25 04.0	24 51.3	24 40.5	24 28.8	24 17.8	24 07.2	23 57.2	23 48.1	23 40.2	23 31.5	23 23.2
94	25 49.0	25 40.0	25 27.2	25 15.0	25 02.2	24 51.2	24 39.4	24 28.4	24 17.6	24 07.6	23 58.5	23 50.6	23 41.7	23 33.6
95	26 00.0	25 51.0	25 38.0	25 26.0	25 13.0	25 02.0	24 50.0	24 39.0	24 28.0	24 18.0	24 09.0	24 01.0	23 52.0	23 44.0
96	26 11.0	26 02.0	25 48.9	25 37.0	25 23.9	25 12.8	25 01.7	24 49.7	24 38.5	24 28.5	24 19.6	24 11.5	24 02.4	23 54.4
97	26 22.0	26 13.0	25 59.8	25 48.1	25 34.8	25 23.6	25 11.5	25 00.4	24 49.1	24 39.1	24 30.2	24 22.0	24 13.0	24 04.9
98	26 32.0	26 23.0	26 09.8	25 58.1	25 44.8	25 33.3	25 21.5	25 10.2	24 58.9	24 48.9	24 40.0	24 31.6	24 22.7	24 14.3
99	26 43.0	26 34.0	26 20.8	26 09.1	25 55.9	25 44.2	25 32.7	25 21.0	25 09.9	24 59.9	24 50.9	24 42.2	24 33.7	24 24.7
100	26 53.0	26 44.0	26 31.0	26 19.0	26 06.0	25 54.0	25 43.0	25 31.0	25 20.0	25 10.0	25 01.0	24 52.0	24 44.0	24 34.0
101	27 04.0	26 55.0	26 42.0	26 30.0	26 17.0	26 04.0	25 53.0	25 41.0	25 30.0	25 20.0	25 11.0	25 02.0	24 54.0	24 44.7
102	27 14.0	27 05.0	26 52.0	26 39.6	26 27.1	26 14.6	26 03.7	25 51.6	25 40.6	25 30.6	25 21.6	25 12.6	25 04.3	24 54.5
103	27 25.0	27 16.0	27 03.0	26 50.4	26 38.1	26 25.3	26 14.5	26 02.3	25 51.3	25 41.4	25 32.4	25 23.4	25 14.9	25 05.3
104	27 35.0	27 26.0	27 13.0	27 00.2	26 48.1	26 35.2	26 24.2	26 12.2	26 01.2	25 51.2	25 42.2	25 33.2	25 24.4	25 15.1
105	27 45.0	27 36.0	27 23.0	27 10.0	26 58.0	26 45.0	26 34.0	26 22.0	26 11.0	26 01.0	25 52.0	25 43.0	25 34.0	25 25.0
106	27 55.0	27 46.0	27 33.0	27 19.9	27 07.9	26 54.9	26 43.8	26 31.9	26 20.9	26 10.8	26 01.8	25 52.8	25 43.6	25 34.9
107	28 05.0	27 56.0	27 43.0	27 29.8	27 17.8	27 04.8	26 53.6	26 41.8	26 30.8	26 20.6	26 11.6	26 02.4	25 53.2	25 44.7
108	28 15.0	28 06.0	27 53.0	27 39.8	27 27.5	27 14.8	27 03.3	26 51.8	26 40.8	26 30.4	26 21.4	26 12.1	26 02.7	25 54.5
109	28 24.0	28 15.0	28 02.0	27 48.8	27 36.3	27 23.9	27 12.2	27 00.9	26 49.9	26 39.2	26 30.2	26 20.6	26 11.4	26 03.3
110	28 34.0	28 25.0	28 12.0	27 59.0	27 46.0	27 34.0	27 22.0	27 11.0	27 00.0	26 49.0	26 40.0	26 30.0	26 21.0	26 13.0
111	28 44.0	28 35.0	28 22.0	28 09.0	27 55.9	27 43.9	27 31.9	27 21.0	27 10.0	26 58.9	26 49.8	26 39.7	26 30.7	26 22.8
112	28 53.0	28 44.0	28 31.0	28 18.0	28 04.9	27 52.9	27 40.7	27 29.9	27 18.9	27 07.7	26 58.6	26 48.4	26 39.4	26 31.6
113	29 03.0	28 54.0	28 41.0	28 28.0	28 14.9	28 02.8	27 50.6	27 39.8	27 28.8	27 17.6	27 08.4	26 58.2	26 49.2	26 41.4
114	29 12.0	29 03.0	28 50.0	28 37.1	28 23.8	28 11.7	27 59.5	27 48.7	27 37.7	27 26.5	27 17.2	27 07.0	26 58.0	26 50.2
115	29 22.0	29 13.0	29 00.0	28 47.1	28 33.9	28 21.6	28 09.4	27 58.6	27 47.6	27 36.4	27 27.0	27 16.8	27 07.8	27 00.0
116	29 31.0	29 22.0	29 09.0	28 56.1	28 42.9	28 30.4	28 18.3	28 07.5	27 56.5	27 45.3	27 35.8	27 25.6	27 16.0	27 08.8
117	29 40.0	29 31.0	29 18.0	29 05.1	28 51.9	28 39.3	28 27.2	28 15.4	28 05.4	27 54.2	27 44.6	27 34.4	27 25.4	27 17.6
118	29 49.0	29 40.0	29 27.0	29 14.1	29 00.9	28 48.2	28 36.1	28 25.3	28 14.3	28 03.2	27 53.4	27 43.3	27 34.3	27 26.4
119	29 58.0	29 49.0	29 36.0	29 23.0	29 10.0	28 57.1	28 45.1	28 34.1	28 23.1	28 12.1	28 02.2	27 52.1	27 43.1	27 35.2
120	30 07.0	29 58.0	29 45.0	29 32.0	29 19.0	29 06.0	28 54.0	28 43.0	28 32.0	28 21.0	28 11.0	28 01.0	27 52.0	27 44.0
121	30 16.0	30 07.0	29 54.0	29 40.9	29 27.9	29 15.0	29 03.0	28 51.9	28 40.9	28 29.9	28 19.9	28 09.9	27 52.0	27 52.8
122	30 25.0	30 16.0	30 03.0	29 49.8	29 36.8	29 24.0	29 12.0	29 00.8	28 49.8	28 38.8	28 28.8	28 18.7	28 09.8	28 01.5
123	30 34.0	30 25.0	30 12.1	29 58.7	29 45.7	29 32.9	29 20.9	29 09.7	28 58.7	28 47.7	28 37.6	28 27.6	28 18.6	28 10.3
124	30 42.0	30 33.0	30 20.1	30 06.6	29 53.6	29 40.9	29 28.9	29 17.6	29 06.6	28 55.6	28 45.5	28 35.5	28 26.5	28 18.1

Depth  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
125	30 51.0	30 42.0	30 29.1	30 15.5	30 02.5	29 49.9	29 37.9	29 26.4	29 15.5	29 04.4	28 54.4	28 44.4	28 35.4	28 26.4
126	31 00.0	30 51.0	30 38.1	30 24.4	30 11.4	29 59.0	29 47.0	29 35.3	29 24.4	29 13.3	29 03.4	28 53.3	28 44.4	28 35.7
127	31 09.0	31 00.0	30 47.1	30 33.3	30 20.3	30 08.0	29 56.0	29 44.2	29 33.3	29 22.2	29 12.3	29 02.2	28 53.3	28 44.5
128	31 17.0	31 08.0	30 55.1	30 41.2	30 28.2	30 16.0	30 04.0	29 52.2	29 41.2	29 30.2	29 20.2	29 10.1	29 01.2	28 52.3
129	31 26.0	31 17.0	31 04.0	30 50.1	30 37.1	30 25.0	30 13.0	30 01.1	29 50.1	29 39.1	29 29.1	29 19.1	29 10.1	29 01.2
130	31 34.0	31 25.0	31 12.0	30 58.0	30 45.0	30 33.0	30 21.0	30 09.0	29 58.0	29 47.0	29 37.0	29 27.0	29 18.0	29 09.0
131	31 43.0	31 34.0	31 21.0	31 06.9	30 53.9	30 42.0	30 30.0	30 17.9	30 06.9	29 55.9	29 45.9	29 36.0	29 26.9	29 17.9
132	31 51.0	31 42.0	31 28.9	31 14.9	31 01.9	30 50.0	30 38.0	30 25.9	30 14.8	30 03.9	29 53.8	29 43.9	29 34.8	29 25.8
133	32 00.0	31 51.0	31 37.9	31 23.8	31 10.8	30 59.1	30 47.1	30 34.9	30 23.7	30 12.9	30 02.8	29 52.9	29 43.8	29 34.7
134	32 08.0	31 59.0	31 45.8	31 31.8	31 18.8	31 07.1	30 55.1	30 42.8	30 31.6	30 20.8	30 10.7	30 00.9	29 51.7	29 42.7
135	32 17.0	32 08.0	31 54.7	31 40.8	31 27.8	31 16.1	31 04.1	30 51.8	30 40.5	30 29.8	30 19.6	30 09.9	30 00.6	29 51.6
136	32 25.0	32 16.0	32 02.6	31 48.8	31 35.8	31 24.1	31 12.1	30 59.8	30 48.4	30 37.8	30 27.5	30 17.9	30 08.5	29 59.6
137	32 33.0	32 24.0	32 10.5	31 56.8	31 43.8	31 32.1	31 20.1	31 07.8	30 56.3	30 45.8	30 35.4	30 25.9	30 16.4	30 07.7
138	32 42.0	32 33.0	32 19.3	32 05.8	31 52.8	31 41.1	31 29.1	31 16.9	31 05.2	30 54.9	30 44.3	30 34.9	30 25.3	30 16.8
139	32 50.0	32 41.0	32 27.2	32 13.9	32 00.9	31 49.0	31 37.0	31 24.9	31 13.1	31 02.9	30 52.1	30 43.0	30 33.1	30 24.9
140	32 59.0	32 50.0	32 36.0	32 23.0	32 10.0	31 58.0	31 46.0	31 34.0	31 22.0	31 12.0	31 01.0	30 52.0	30 42.0	30 34.0

[illegible]

Δ	Depth h =														
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12	
10	m 2 43.0	f 2 40.0	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	
11	2 58.0	2 54.8													
12	3 12.0	3 09.7													
13	3 26.0	3 22.5													
14	3 40.0	3 36.4													
15	3 54.0	3 50.3													
16	4 09.0	4 05.2													
17	4 23.0	4 19.2													
18	4 37.0	4 33.1													
19	4 51.0	4 47.0													
20	5 05.0	5 01.0	5 01.0												
21	5 19.0	5 15.0	5 14.8												
22	5 33.0	5 29.0	5 28.7												
23	5 47.0	5 42.9	5 42.6												
24	6 01.0	5 56.9	5 56.5												
25	6 15.0	6 10.9	6 10.4												
26	6 29.0	6 25.0	6 24.3												
27	6 43.0	6 39.0	6 38.2												
28	6 56.0	6 52.0	6 51.2												
29	7 10.0	7 06.0	7 05.1												
30	7 24.0	7 20.0	7 19.0	7 18.0											
31	7 38.0	7 34.0	7 32.8	7 31.6											
32	7 51.0	7 47.0	7 45.6	7 44.2											
33	8 05.0	8 01.0	7 59.4	7 57.9											
34	8 19.0	8 15.0	8 13.2	8 11.6											
35	8 32.0	8 28.0	8 26.0	8 24.3											
36	8 46.0	8 42.0	8 39.8	8 38.0											
37	8 59.0	8 55.0	8 52.6	8 50.7											
38	9 13.0	9 09.0	9 06.4	9 04.5											
39	9 26.0	9 22.0	9 19.2	9 17.2											
40	9 39.0	9 35.0	9 32.0	9 30.0	9 30.0	9 30.0									
41	9 53.0	9 49.0	9 45.8	9 43.7	9 43.5	9 43.3									
42	10 06.0	10 02.0	9 58.7	9 56.4	9 56.1	9 55.6									
43	10 19.0	10 15.0	10 11.6	10 09.2	10 08.7	10 08.0									
44	10 32.0	10 28.0	10 24.4	10 21.9	10 21.3	10 20.4									
45	10 45.0	10 41.0	10 37.3	10 34.7	10 34.0	10 32.7									
46	10 58.0	10 54.0	10 50.2	10 47.5	10 46.6	10 45.2									
47	11 11.0	11 07.0	11 03.1	11 00.3	10 59.2	10 57.6									
48	11 24.0	11 20.0	11 16.1	11 13.2	11 11.8	11 10.1									
49	11 37.0	11 33.0	11 29.0	11 26.1	11 24.4	11 22.5									
50	11 49.0	11 45.0	11 41.0	11 38.0	11 36.0	11 34.0	11 34.0	11 34.0	11 32.0						

Depth  $h =$ 

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
51	12	02.0	11	58.0	11	54.0	11	50.9	11	48.3	11	46.1	11	45.9	11	45.7	11	43.0										
52	12	15.0	12	11.0	12	07.0	12	04.0	12	01.0	11	59.0	11	58.0	11	57.0	11	54.0	11	54.0								
53	12	27.0	12	23.0	12	19.0	12	16.1	12	13.0	12	11.1	12	09.1	12	07.1	12	04.0	12	02.4								
54	12	40.0	12	36.0	12	32.0	12	29.0	12	26.0	12	24.0	12	21.0	12	18.0	12	15.0	12	14.0								
55	12	52.0	12	48.0	12	44.0	12	40.7	12	37.8	12	35.1	12	31.4	12	27.9	12	25.0	12	24.8	12	33.0						
56	13	04.0	13	00.0	12	56.0	12	52.0	12	49.0	12	45.4	12	52.4	12	48.7	12	45.7	12	44.9	12	43.9	12	35.0				
57	13	17.0	13	13.0	13	08.5	13	03.9	13	00.4	12	56.4	12	52.4	12	48.7	12	45.7	12	44.9	12	43.9	12	35.0				
58	13	29.0	13	25.0	13	20.0	13	15.0	13	11.0	13	07.0	13	03.0	12	59.0	12	56.0	12	55.0	12	54.0	12	33.0				
59	13	40.0	13	36.0	13	30.5	13	25.4	13	20.9	13	16.9	13	12.9	13	08.8	13	05.8	13	04.4	13	03.4	13	33.0				
60	13	51.0	13	47.0	13	41.0	13	36.0	13	31.0	13	27.0	13	23.0	13	19.0	13	15.0	13	14.0	13	13.0	13	33.0				
61	14	02.0	13	57.9	13	52.0	13	46.8	13	41.7	13	37.6	13	33.5	13	29.3	13	25.3	13	23.7	13	22.6	13	33.0				
62	14	12.0	14	07.8	14	01.9	13	56.7	13	51.5	13	47.3	13	43.1	13	38.7	13	35.7	13	32.6	13	31.4	13	33.0				
63	14	22.0	14	17.7	14	11.9	14	06.5	14	01.4	14	01.4	13	57.0	13	52.8	13	48.2	13	45.2	13	44.5	13	33.0				
64	14	32.0	14	27.6	14	21.9	14	16.4	14	11.2	14	06.8	14	02.5	13	57.9	13	54.8	13	51.2	13	49.8	13	33.0				
65	14	43.0	14	38.5	14	32.9	14	27.3	14	22.1	14	17.6	14	13.2	14	08.6	14	05.6	14	01.9	14	00.4	13	33.0				
66	14	53.0	14	48.4	14	43.0	14	37.2	14	32.1	14	27.4	14	23.2	14	18.6	14	15.4	14	11.7	14	10.1	14	33.0				
67	15	03.0	14	58.3	14	53.0	14	47.2	14	42.0	14	37.3	14	33.1	14	28.2	14	25.2	14	21.6	14	19.9	14	33.0				
68	15	12.0	15	07.2	15	02.0	14	56.1	14	51.0	14	46.2	14	42.1	14	37.1	14	34.1	14	30.7	14	28.9	14	33.0				
69	15	22.0	15	17.1	15	12.0	15	06.1	15	01.0	14	56.1	14	52.0	14	47.0	14	44.1	14	40.8	14	38.9	14	33.0				
70	15	32.0	15	27.0	15	22.0	15	16.0	15	11.0	15	06.0	15	02.0	14	57.0	14	54.0	14	51.0	14	49.0	14	33.0				
71	15	42.0	15	37.0	15	31.9	15	25.9	15	20.9	15	15.8	15	11.8	15	06.8	15	03.7	15	00.7	14	58.5	14	33.0				
72	15	51.0	15	46.0	15	40.8	15	34.8	15	29.8	15	24.5	15	20.6	15	15.5	15	12.3	15	09.3	15	07.1	15	33.0				
73	16	01.0	15	55.9	15	50.7	15	44.7	15	39.7	15	34.3	15	30.4	15	25.3	15	22.0	15	19.0	15	16.7	15	33.0				
74	16	11.0	16	05.9	16	00.6	15	54.6	15	49.6	15	44.1	15	40.2	15	35.1	15	31.7	15	28.7	15	26.2	15	33.0				
75	16	20.0	16	14.1	16	09.5	16	03.4	15	58.5	15	52.9	15	48.9	15	43.9	15	40.4	15	37.4	15	34.8	15	33.0				
76	16	30.0	16	25.0	16	19.2	16	13.2	16	08.5	16	02.4	15	58.6	15	53.6	15	49.9	15	47.1	15	44.3	15	33.0				
77	16	39.0	16	34.0	16	28.2	16	22.2	16	17.4	16	11.3	16	07.5	16	02.5	16	08.4	16	05.8	15	53.0	15	33.0				
78	16	49.0	16	44.0	16	38.1	16	32.1	16	27.2	16	21.2	16	17.3	16	12.3	16	08.4	16	05.5	16	02.6	16	33.0				
79	16	58.0	16	53.0	16	47.0	16	41.0	16	36.1	16	30.1	16	26.1	16	21.1	16	17.2	16	14.3	16	11.3	16	33.0				
80	17	07.0	17	02.0	16	56.0	16	50.0	16	45.0	16	39.0	16	35.0	16	30.0	16	26.0	16	23.0	16	20.0	16	33.0				
81	17	16.0	17	11.0	17	05.0	16	59.0	16	53.9	16	48.0	16	43.9	16	38.9	16	34.9	16	31.9	16	28.7	16	33.0				
82	17	25.0	17	20.0	17	14.0	17	08.0	17	02.8	16	56.9	16	52.8	16	47.8	16	43.7	16	40.5	16	37.5	16	33.0				
83	17	34.0	17	29.0	17	22.9	17	16.9	17	11.7	17	05.9	17	01.6	16	56.6	16	52.6	16	49.3	16	46.2	16	33.0				
84	17	44.0	17	39.0	17	32.9	17	26.9	17	21.6	17	15.9	17	11.5	17	06.5	17	02.5	16	59.1	16	56.0	16	33.0				
85	17	53.0	17	48.0	17	41.0	17	35.0	17	30.4	17	24.0	17	20.4	17	15.4	17	11.4	17	07.9	17	04.8	17	33.0				
86	18	02.0	17	57.0	18	00.0	17	54.0	17	49.2	17	43.2	17	38.3	17	33.3	17	29.3	17	25.5	17	22.5	17	33.0				
87	18	11.0	18	06.0	18	00.0	17	54.0	17	49.2	17	43.2	17	38.3	17	33.3	17	29.3	17	25.5	17	22.5	17	33.0				
88	18	20.0	18	15.0	18	09.0	18	03.0	17	57.1	17	52.1	17	47.2	17	42.2	17	38.2	17	34.3	17	31.3	17	33.0				
89	18	29.0	18	24.0	18	18.0	18	12.0	18	06.0	18	01.1	17	56.1	17	51.1	17	47.1	17	43.2	17	40.2	17	33.0				
90	18	37.0	18	32.0	18	26.0	18	20.0	18	14.0	18	09.0	18	04.0	17	59.0	17	55.0	17	51.0	17	48.0	17	33.0				

Depth  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
91	18 46.0	18 41.0	18 35.0	18 29.0	18 23.0	18 17.9	18 12.9	18 07.9	18 03.9	17 59.9	17 56.9	17 54.8	17 52.8	17 50.2
92	18 55.0	18 50.0	18 44.0	18 38.0	18 32.0	18 26.8	18 21.8	18 16.8	18 12.8	18 08.8	18 05.8	18 03.6	18 01.6	17 59.6
93	19 04.0	18 59.0	18 53.0	18 47.0	18 40.9	18 35.8	18 30.7	18 25.7	18 21.7	18 17.6	18 14.6	18 12.4	18 10.4	18 08.3
94	19 13.0	19 08.0	19 02.0	18 56.0	18 49.9	18 44.7	18 39.6	18 34.6	18 30.6	18 26.5	18 23.5	18 21.2	18 19.2	18 17.1
95	19 22.0	19 17.0	19 11.0	19 05.0	18 58.9	18 53.6	18 48.5	18 43.5	18 39.5	18 35.4	18 32.4	18 30.0	18 28.0	18 25.9
96	19 30.0	19 25.0	19 19.0	19 13.0	19 07.1	19 01.3	18 56.3	18 51.3	18 47.3	18 43.4	18 40.4	18 37.7	18 35.7	18 33.6
97	19 39.0	19 34.0	19 28.0	19 22.0	19 16.1	19 10.2	19 05.3	19 00.3	18 56.2	18 52.3	18 49.3	18 46.5	18 44.6	18 42.6
98	19 48.0	19 43.0	19 37.0	19 31.0	19 25.1	19 19.1	19 14.2	19 09.2	19 05.2	19 01.2	18 58.2	18 55.3	18 53.4	18 51.4
99	19 57.0	19 52.0	19 46.0	19 40.0	19 34.0	19 28.1	19 23.1	19 18.1	19 14.1	19 10.1	19 07.1	19 04.2	19 02.2	19 00.2
100	20 05.0	20 00.0	19 54.0	19 48.0	19 42.0	19 36.0	19 31.0	19 26.0	19 22.0	19 18.0	19 15.0	19 12.0	19 10.0	19 08.0
101	20 14.0	20 09.0	20 03.0	19 57.0	19 51.0	19 45.0	19 39.9	19 34.9	19 30.9	19 26.9	19 23.9	19 20.9	19 18.8	19 16.8
102	20 23.0	20 18.0	20 12.0	20 06.0	19 59.9	19 53.9	19 48.9	19 43.9	19 39.9	19 35.8	19 32.8	19 29.7	19 27.7	19 25.6
103	20 31.0	20 26.0	20 20.0	20 14.0	20 07.9	20 01.9	19 56.8	19 51.8	19 47.8	19 43.7	19 40.7	19 37.6	19 35.5	19 33.4
104	20 40.0	20 35.0	20 29.0	20 23.0	20 16.9	20 10.9	20 05.7	20 00.7	19 56.8	19 52.6	19 49.6	19 46.5	19 44.3	19 42.2
105	20 48.0	20 43.0	20 37.0	20 31.0	20 24.8	20 18.9	20 13.7	20 08.7	20 04.7	20 00.5	19 57.5	19 54.4	19 52.2	19 50.0
106	20 57.0	20 52.0	20 46.0	20 40.0	20 33.8	20 27.9	20 22.6	20 17.6	20 13.6	20 09.4	20 06.4	20 03.3	20 01.0	19 58.8
107	21 05.0	21 00.0	20 54.0	20 48.0	20 41.7	20 35.8	20 30.6	20 25.6	20 21.6	20 17.3	20 14.3	20 11.1	20 08.9	20 06.6
108	21 14.0	21 09.0	21 03.0	20 57.1	20 50.7	20 44.8	20 39.5	20 34.5	20 30.5	20 26.2	20 23.2	20 20.0	20 17.7	20 15.4
109	21 22.0	21 17.0	21 11.0	21 05.1	20 58.6	20 52.9	20 47.5	20 42.5	20 38.5	20 34.1	20 31.1	20 28.0	20 25.6	20 23.2
110	21 31.0	21 26.0	21 20.0	21 14.1	21 07.6	21 01.9	20 56.4	20 51.4	20 47.5	20 43.0	20 40.0	20 36.9	20 34.4	20 32.0
111	21 39.0	21 34.0	21 28.0	21 22.1	21 15.5	21 09.9	21 04.4	20 59.4	20 55.4	20 50.9	20 47.9	20 44.8	20 42.3	20 39.8
112	21 47.0	21 42.0	21 36.0	21 30.1	21 23.4	21 17.9	21 12.3	21 07.3	21 03.4	20 58.8	20 55.8	20 52.7	20 50.1	20 47.6
113	21 56.0	21 51.0	21 45.0	21 39.1	21 32.4	21 26.9	21 21.3	21 16.3	21 12.3	21 07.7	21 04.7	21 01.6	20 59.0	20 56.4
114	22 04.0	21 59.0	21 53.0	21 47.1	21 40.3	21 34.9	21 29.2	21 24.2	21 20.3	21 15.6	21 12.6	21 09.5	21 06.8	21 04.2
115	22 13.0	22 08.0	22 02.0	21 56.1	21 49.3	21 43.9	21 38.2	21 33.2	21 29.2	21 24.5	21 21.5	21 18.4	21 15.7	21 13.0
116	22 21.0	22 16.0	22 10.0	22 04.1	21 57.2	21 51.9	21 46.2	21 41.2	21 37.2	21 32.4	21 29.4	21 26.3	21 23.6	21 20.8
117	22 30.0	22 25.0	22 19.0	22 13.0	22 06.2	22 01.0	21 55.1	21 50.1	21 46.2	21 41.3	21 38.3	21 35.3	21 32.4	21 29.6
118	22 38.0	22 33.0	22 27.0	22 21.0	22 14.1	22 09.0	22 03.1	21 58.1	21 54.1	21 49.2	21 46.2	21 43.2	21 40.3	21 37.4
119	22 46.0	22 41.0	22 35.0	22 29.0	22 22.1	22 17.0	22 11.0	22 06.0	22 02.1	21 57.1	21 54.1	21 51.1	21 48.1	21 45.2
120	22 54.0	22 49.0	22 43.0	22 37.0	22 30.0	22 25.0	22 19.0	22 14.0	22 10.0	22 05.0	22 02.0	21 59.0	21 56.0	21 53.0
121	23 03.0	22 58.0	22 52.0	22 46.0	22 39.0	22 34.0	22 28.0	22 23.0	22 19.0	22 13.9	22 10.9	22 07.9	22 04.9	22 01.8
122	23 11.0	23 06.0	23 00.0	22 54.0	22 46.9	22 42.0	22 35.9	22 30.9	22 26.9	22 21.8	22 18.8	22 15.8	22 12.7	22 09.6
123	23 19.0	23 14.0	23 08.0	23 02.0	22 54.9	22 50.0	22 43.9	22 38.9	22 34.8	22 29.8	22 26.7	22 23.7	22 20.6	22 17.5
124	23 27.0	23 22.0	23 16.0	23 09.9	23 02.8	22 58.0	22 51.9	22 46.9	22 42.8	22 37.7	22 34.6	22 31.6	22 28.5	22 25.3
125	23 35.0	23 30.0	23 24.0	23 17.9	23 10.8	23 06.0	22 59.9	22 54.8	22 50.7	22 45.6	22 42.5	22 39.5	22 36.3	22 33.1
126	23 44.0	23 39.0	23 33.1	23 26.7	23 20.0	23 14.8	23 08.7	23 03.7	22 59.4	22 54.7	22 51.4	22 48.1	22 45.1	22 42.1
127	23 52.0	23 47.0	23 41.1	23 34.7	23 28.0	23 22.7	23 16.7	23 11.7	23 07.3	23 02.6	22 59.3	22 56.0	22 53.0	22 49.9
128	24 00.0	23 55.0	23 49.1	23 42.6	23 36.0	23 30.7	23 24.6	23 19.6	23 15.2	23 10.6	23 07.2	23 03.8	23 00.8	22 57.8
129	24 08.0	24 03.0	23 57.1	23 50.6	23 44.0	23 38.6	23 32.6	23 27.6	23 23.1	23 18.6	23 15.1	23 11.7	23 08.7	23 05.7
130	24 16.0	24 11.0	24 05.1	23 58.5	23 52.0	23 46.6	23 40.5	23 35.5	23 31.0	23 26.5	23 23.0	23 19.5	23 16.5	23 13.5

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
131	24 24.0	24 19.0	24 13.1	24 06.5	24 00.0	23 54.5	23 48.5	23 43.5	23 38.9	23 34.5	23 30.9	23 27.4	23 24.4	23 21.4
132	24 32.0	24 27.0	24 21.1	24 14.4	24 08.0	24 02.5	23 56.4	23 51.4	23 46.8	23 42.4	23 38.8	23 35.2	23 32.2	23 29.2
133	24 41.0	24 36.0	24 30.1	24 23.3	24 17.0	24 11.4	24 05.4	24 00.4	23 55.7	23 51.4	23 47.7	23 44.0	23 41.1	23 38.1
134	24 49.0	24 44.0	24 38.1	24 31.3	24 25.0	24 19.4	24 13.3	24 08.3	24 03.6	23 59.3	23 55.6	23 51.9	23 48.9	23 45.9
135	24 57.0	24 52.0	24 46.1	24 39.2	24 33.0	24 27.3	24 21.3	24 16.3	24 11.5	24 07.3	24 03.5	23 59.7	23 56.8	23 53.8
136	25 05.0	25 00.0	24 54.1	24 47.2	24 41.0	24 35.2	24 29.2	24 24.2	24 19.4	24 15.2	24 11.4	24 07.5	24 04.6	24 01.6
137	25 13.0	25 08.0	25 02.0	24 55.1	24 49.0	24 43.2	24 37.2	24 32.2	24 27.3	24 23.2	24 19.3	24 15.4	24 12.5	24 09.5
138	25 20.0	25 15.0	25 09.0	25 02.1	24 56.0	24 50.1	24 44.1	24 39.1	24 34.2	24 30.1	24 26.2	24 22.3	24 19.3	24 16.3
139	25 28.0	25 23.0	25 17.0	25 10.1	25 04.0	24 58.1	24 52.1	24 47.1	24 42.1	24 38.1	24 34.1	24 30.2	24 27.2	24 24.2
140	25 36.0	25 31.0	25 25.0	25 18.0	25 12.0	25 06.0	25 00.0	24 55.0	24 50.0	24 46.0	24 42.0	24 38.0	24 35.0	24 32.0
141	25 44.0	25 39.0	25 33.0	25 26.0	25 20.0	25 14.0	25 08.0	25 03.0	24 57.9	24 53.9	24 49.9	24 45.9	24 42.9	24 39.8
142	25 52.0	25 47.0	25 41.0	25 33.7	25 28.0	25 21.7	25 15.7	25 10.9	25 05.8	25 01.9	24 57.8	24 53.7	24 50.7	24 47.7
143	26 00.0	25 55.0	25 48.9	25 41.9	25 36.0	25 29.9	25 23.9	25 18.9	25 13.7	25 09.8	25 05.7	25 01.6	24 58.6	24 55.5
144	26 08.0	26 03.0	25 56.9	25 49.9	25 44.0	25 37.9	25 31.9	25 26.9	25 21.7	25 17.8	25 13.6	25 09.5	25 06.4	25 03.4
145	26 16.0	26 11.0	26 04.9	25 57.9	25 51.9	25 45.7	25 39.8	25 34.8	25 29.6	25 25.7	25 21.5	25 17.3	25 14.3	25 11.2
146	26 23.0	26 18.0	26 11.7	26 05.0	25 58.8	25 52.7	25 46.7	25 41.8	25 36.7	25 32.5	25 28.5	25 24.4	25 21.1	25 17.8
147	26 31.0	26 26.0	26 19.7	26 13.0	26 06.7	26 00.7	25 54.7	25 49.7	25 44.6	25 40.4	25 36.4	25 32.3	25 29.0	25 25.6
148	26 39.0	26 34.0	26 27.6	26 21.0	26 14.7	26 08.6	26 02.6	25 57.7	25 52.6	25 48.3	25 44.3	25 40.2	25 36.8	25 33.4
149	26 45.0	26 41.0	26 34.6	26 28.0	26 21.6	26 15.6	26 09.6	26 04.6	25 59.6	25 55.2	25 51.2	25 47.1	25 43.7	25 40.2
150	26 54.0	26 49.0	26 42.5	26 36.0	26 29.6	26 23.5	26 17.5	26 12.6	26 07.5	26 03.1	25 59.1	25 55.0	25 51.5	25 48.0
151	27 02.0	26 57.0	26 50.5	26 44.0	26 37.5	26 31.5	26 25.5	26 20.5	26 15.5	26 11.0	26 07.0	26 02.9	25 59.4	25 55.8
152	27 09.0	27 04.0	26 57.4	26 51.0	26 44.5	26 38.4	26 32.4	26 27.5	26 22.4	26 17.9	26 13.9	26 09.8	26 06.2	26 02.6
153	27 17.0	27 12.0	27 05.3	26 59.0	26 52.4	26 46.4	26 40.4	26 35.4	26 30.4	26 25.8	26 21.8	26 17.7	26 14.1	26 10.4
154	27 24.0	27 19.0	27 12.5	27 06.0	26 59.4	26 53.3	26 47.3	26 42.4	26 37.3	26 32.7	26 28.7	26 24.6	26 20.9	26 17.2
155	27 32.0	27 27.0	27 20.2	27 14.0	27 07.3	27 01.3	26 55.3	26 50.3	26 45.3	26 40.5	26 36.6	26 32.5	26 28.8	26 25.0
156	27 40.0	27 35.0	27 28.2	27 22.0	27 15.2	27 09.2	27 03.2	26 58.3	26 53.2	26 48.4	26 44.5	26 40.4	26 36.6	26 32.8
157	27 47.0	27 42.0	27 35.1	27 29.0	27 22.2	27 16.2	27 10.2	27 05.2	27 00.2	26 55.3	26 51.2	26 47.3	26 43.5	26 39.6
158	27 55.0	27 50.0	27 43.1	27 37.0	27 30.1	27 24.1	27 18.1	27 13.1	27 08.1	27 03.2	26 59.2	26 55.2	26 51.3	26 47.4
159	28 02.0	27 57.0	27 50.1	27 44.0	27 37.1	27 31.1	27 25.1	27 20.1	27 15.1	27 10.1	27 06.1	27 02.1	26 58.2	26 54.2
160	28 09.0	28 04.0	27 57.0	27 51.0	27 44.0	27 38.0	27 32.0	27 27.0	27 22.0	27 17.0	27 13.0	27 09.0	27 05.0	27 01.0
161	28 17.0	28 12.0	28 05.0	27 59.0	27 52.0	27 46.0	27 40.0	27 34.9	27 29.9	27 24.9	27 20.9	27 15.9	27 12.9	27 08.8
162	28 24.0	28 19.0	28 11.7	28 06.0	27 58.9	27 52.9	27 46.9	27 41.9	27 36.9	27 31.8	27 27.8	27 23.8	27 19.7	27 15.6
163	28 32.0	28 27.0	28 19.9	28 14.0	28 06.8	28 00.9	27 54.9	27 49.8	27 44.8	27 39.7	27 35.6	27 31.7	27 27.6	27 23.4
164	28 39.0	28 34.0	28 26.9	28 21.0	28 13.8	28 07.8	28 01.8	27 56.7	27 51.8	27 46.6	27 42.5	27 38.6	27 34.4	27 30.3
165	28 46.0	28 41.0	28 33.8	28 27.9	28 20.7	28 14.8	28 08.8	28 03.6	27 58.7	27 53.5	27 49.4	27 45.4	27 41.3	27 37.1
166	28 53.0	28 48.0	28 40.9	28 34.7	28 27.7	28 21.7	28 15.7	28 10.4	28 05.5	28 00.4	27 56.1	27 52.1	27 48.1	27 44.1
167	29 01.0	28 56.0	28 48.9	28 42.7	28 35.6	28 29.7	28 23.7	28 18.3	28 13.4	28 08.3	28 04.0	28 00.0	27 55.0	27 51.9
168	29 08.0	29 03.0	28 55.9	28 49.5	28 42.6	28 36.6	28 30.6	28 25.2	28 20.3	28 15.2	28 10.8	28 06.8	28 02.8	27 58.7
169	29 15.0	29 10.0	29 02.9	28 56.6	28 49.5	28 43.6	28 37.6	28 32.1	28 27.2	28 22.1	28 17.7	28 13.7	28 09.7	28 05.7
170	29 22.0	29 17.0	29 09.9	29 03.5	28 56.4	28 50.5	28 44.5	28 39.0	28 34.1	28 29.0	28 24.5	28 20.5	28 16.5	28 12.5

A	TIMES OF														BRANCH	
	Depth $h =$															
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12		
m	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
29 171	29 29.0	29 24.0	29 16.3	29 10.5	29 03.4	28 57.5	28 51.5	28 45.9	28 41.0	28 35.9	28 31.4	28 27.4	28 23.4	28 19.4	28 15.4	28 11.4
29 172	29 36.0	29 31.0	29 24.0	29 17.4	29 10.3	29 04.4	28 58.4	28 52.8	28 47.9	28 42.8	28 38.2	28 34.2	28 30.2	28 26.2	28 22.2	28 18.2
29 173	29 43.0	29 38.0	29 31.0	29 24.3	29 17.3	29 11.4	29 05.4	28 59.7	28 54.8	28 49.7	28 45.0	28 41.0	28 37.1	28 33.1	28 29.1	28 25.1
29 174	29 50.0	29 45.0	29 38.0	29 31.3	29 24.2	29 18.3	29 12.3	29 06.6	29 01.7	28 56.6	28 51.9	28 47.9	28 43.9	28 39.9	28 35.9	28 31.9
29 175	29 57.0	29 52.0	29 45.0	29 38.2	29 31.2	29 25.3	29 19.3	29 13.5	29 08.5	29 03.5	28 58.7	28 54.7	28 50.8	28 46.8	28 42.8	28 38.8
29 176	30 04.0	29 59.0	29 52.0	29 45.2	29 38.2	29 32.2	29 26.2	29 20.4	29 15.4	29 10.4	29 05.6	29 01.6	28 57.6	28 53.6	28 49.6	28 45.6
29 177	30 11.0	30 06.0	29 59.0	29 52.1	29 45.1	29 39.2	29 33.2	29 27.3	29 22.3	29 17.3	29 12.4	29 08.4	29 04.5	29 00.5	28 56.5	28 52.5
29 178	30 18.0	30 13.0	30 06.0	29 59.0	29 52.1	29 46.1	29 40.1	29 34.2	29 29.2	29 24.2	29 19.3	29 15.3	29 11.3	29 07.3	29 03.3	28 59.3
29 179	30 25.0	30 20.0	30 13.0	30 06.1	29 59.0	29 53.1	29 47.1	29 41.1	29 36.1	29 31.1	29 26.2	29 22.2	29 18.2	29 14.2	29 10.2	28 56.2
29 180	30 32.0	30 27.0	30 20.0	30 13.0	30 06.0	30 00.0	29 54.0	29 48.0	29 43.0	29 38.0	29 33.0	29 29.0	29 25.0	29 21.0	29 17.0	29 13.0
29 181	30 39.0	30 34.0	30 27.0	30 20.0	30 13.0	30 07.0	30 01.0	29 54.9	29 49.9	29 44.9	29 39.9	29 35.9	29 31.9	29 27.8	29 23.8	29 19.8
29 182	30 46.0	30 41.0	30 34.0	30 26.9	30 19.9	30 13.9	30 07.9	30 01.8	29 56.8	29 51.8	29 46.7	29 42.7	29 38.7	29 34.7	29 30.7	29 26.7
29 183	30 53.0	30 48.0	30 41.0	30 33.9	30 26.9	30 20.9	30 14.9	30 08.7	30 03.7	29 58.7	29 53.6	29 49.6	29 45.6	29 41.5	29 37.5	29 33.5
29 184	30 59.0	30 54.0	30 47.0	30 39.9	30 32.9	30 26.8	30 20.8	30 14.7	30 09.6	30 04.6	29 59.5	29 55.5	29 51.4	29 47.4	29 43.4	29 39.4
29 185	31 06.0	31 01.0	30 54.0	30 46.8	30 39.9	30 33.8	30 27.8	30 21.6	30 16.5	30 11.5	30 06.3	30 02.3	29 58.3	29 54.2	29 50.2	29 46.2
29 186	31 13.0	31 08.0	31 01.0	30 53.9	30 46.9	30 40.7	30 34.7	30 28.6	30 23.4	30 18.4	30 13.3	30 09.3	30 05.1	30 00.8	29 56.8	29 52.8
29 187	31 20.0	31 15.0	31 08.0	31 00.9	30 53.9	30 47.6	30 41.7	30 35.6	30 30.3	30 25.3	30 20.2	30 16.2	30 11.9	30 07.6	30 03.6	29 59.6
29 188	31 26.0	31 21.0	31 14.0	31 06.9	30 59.9	30 53.6	30 47.6	30 41.5	30 36.2	30 31.2	30 26.1	30 22.1	30 17.8	30 13.4	30 09.4	30 05.4
29 189	31 33.0	31 28.0	31 21.0	31 13.9	31 06.9	31 00.5	30 54.6	30 48.5	30 43.0	30 38.0	30 33.0	30 29.0	30 24.6	30 20.2	30 16.2	30 12.2
29 190	31 39.0	31 34.0	31 27.0	31 19.9	31 12.9	31 06.4	31 00.5	30 54.4	30 48.9	30 43.9	30 38.9	30 34.9	30 30.4	30 25.9	30 21.9	30 17.9
29 191	31 46.0	31 41.0	31 34.0	31 26.9	31 19.9	31 13.4	31 07.5	31 01.4	30 55.8	30 50.6	30 45.8	30 41.8	30 37.3	30 32.7	30 28.7	30 24.7
29 192	31 53.0	31 48.0	31 41.0	31 34.0	31 27.0	31 20.3	31 14.4	31 08.4	31 02.7	30 57.7	30 52.7	30 48.8	30 44.1	30 39.5	30 35.5	30 31.5
29 193	31 59.0	31 54.0	31 47.0	31 40.0	31 33.0	31 26.3	31 20.4	31 14.3	31 08.6	31 03.6	30 58.6	30 54.7	30 50.0	30 45.3	30 41.3	30 37.3
29 194	32 06.0	32 01.0	31 54.0	31 47.0	31 40.0	31 33.2	31 27.3	31 21.3	31 15.5	31 10.5	31 05.5	31 01.6	30 56.8	30 52.1	30 48.1	30 44.1
29 195	32 12.0	32 07.0	32 00.0	31 53.0	31 46.0	31 39.2	31 33.3	31 27.2	31 21.5	31 16.5	31 11.4	31 07.5	31 02.7	30 57.9	30 53.9	30 49.9
29 196	32 18.0	32 13.0	32 06.0	31 59.0	31 52.0	31 45.2	31 39.2	31 33.2	31 27.4	31 22.4	31 17.3	31 13.4	31 08.6	31 03.7	30 59.7	30 55.7
29 197	32 25.0	32 20.0	32 13.0	32 06.0	31 59.0	31 52.1	31 46.2	31 40.1	31 34.3	31 29.3	31 24.2	31 20.3	31 15.4	31 10.6	30 56.6	30 52.6
29 198	32 31.0	32 26.0	32 19.0	32 12.0	32 05.0	31 58.1	31 52.1	31 46.1	31 40.2	31 35.2	31 30.2	31 26.2	31 21.3	31 16.4	31 12.4	31 08.4
29 199	32 38.0	32 33.0	32 26.0	32 19.0	32 12.0	32 05.0	31 59.1	31 53.1	31 47.1	31 42.1	31 37.1	31 33.1	31 28.1	31 23.2	31 19.2	31 15.2
29 200	32 44.0	32 39.0	32 32.0	32 25.0	32 18.0	32 11.0	32 05.0	31 59.0	31 53.0	31 48.0	31 43.0	31 39.0	31 34.0	31 29.0	31 25.0	31 21.0
29 201	32 50.0	32 45.0	32 38.0	32 31.0	32 24.0	32 17.0	32 11.0	2 05.0	31 58.9	31 53.9	31 48.9	31 44.9	31 39.9	31 34.8	31 30.8	31 26.8
29 202	32 57.0	32 52.0	32 45.0	32 38.0	32 31.0	32 23.9	32 17.9	32 11.9	32 05.8	32 00.8	31 55.9	31 51.8	31 46.7	31 41.7	31 37.7	31 33.7
29 203	33 03.0	32 58.0	32 51.0	32 44.0	32 37.0	32 30.0	32 23.9	32 17.9	32 11.8	32 06.8	32 01.8	31 57.7	31 52.6	31 47.5	31 43.5	31 39.5
29 204	33 09.0	33 04.0	32 57.0	32 50.0	32 43.0	32 35.9	32 29.8	32 23.8	32 17.7	32 12.7	32 07.7	32 03.6	31 58.5	31 53.4	31 49.4	31 45.4
29 205	33 16.0	33 11.0	33 04.0	32 57.0	32 50.0	32 42.9	32 36.8	32 30.8	32 24.6	32 19.6	32 14.7	32 10.5	32 05.4	32 00.2	31 56.2	31 52.2
29 206	33 22.0	33 17.0	33 10.0	33 03.1	32 56.1	32 48.9	32 42.7	32 36.8	32 30.6	32 25.6	32 20.6	32 16.5	32 11.3	32 06.1	32 02.1	31 58.1
29 207	33 28.0	33 23.0	33 16.0	33 09.1	33 02.1	32 54.8	32 48.7	32 42.7	32 36.5	32 31.5	32 26.5	32 22.4	32 17.1	32 11.9	32 07.9	32 03.9
29 208	33 34.0	33 29.0	33 22.0	33 15.1	33 08.1	33 00.8	32 54.6	32 48.7	32 42.4	32 37.4	32 32.5	32 28.3	32 23.0	32 17.8	32 13.8	32 09.8
29 209	33 40.0	33 35.0	33 28.0	33 21.1	33 14.1	33 06.8	33 00.6	32 54.6	32 48.4	32 43.4	32 38.4	32 34.2	32 28.9	32 23.7	32 18.5	32 13.5
29 210	33 46.0	33 41.0	33 34.0	33 27.1	33 20.1	33 12.8	33 05.5	33 00.6	32 54.3	32 49.3	32 44.4	32 40.1	32 34.8	32 29.6	32 24.4	32 19.4

Depth  $h =$

A

Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
m	m	m	m	m	m	m	m	m	m	m	m	m	m
s	s	s	s	s	s	s	s	s	s	s	s	s	s
33 52.0	33 47.0	33 40.0	33 33.1	33 26.1	33 18.8	33 12.5	33 06.5	33 00.3	32 55.3	32 50.3	32 46.0	32 40.7	32 35.5
33 56.0	33 50.0	33 46.0	33 39.1	33 32.1	33 24.8	33 18.4	33 12.5	33 06.2	33 01.2	32 56.3	32 51.9	32 46.6	32 41.4
34 05.0	34 00.0	33 53.0	33 46.1	33 39.1	33 31.8	33 25.4	33 19.4	33 13.2	33 08.2	33 03.2	32 58.8	32 53.5	32 48.3
34 11.0	34 06.0	33 59.0	33 52.1	33 45.1	33 37.8	33 31.3	33 25.4	33 19.1	33 14.1	33 09.2	33 04.7	32 59.4	32 54.2
34 17.0	34 12.0	34 05.0	33 58.1	33 51.1	33 43.9	33 37.3	33 31.3	33 25.1	33 20.1	33 15.2	33 10.6	33 05.4	33 00.2
34 23.0	34 18.0	34 11.0	34 04.1	33 57.1	33 49.9	33 43.2	33 37.3	33 31.1	33 26.1	33 21.1	33 16.5	33 11.3	33 06.1
34 28.0	34 23.0	34 16.0	34 09.0	34 02.0	33 54.9	33 48.2	33 42.2	33 36.1	33 31.1	33 26.1	33 21.3	33 16.2	33 11.1
34 34.0	34 29.0	34 22.0	34 15.0	34 08.0	34 00.9	33 54.1	33 48.1	33 42.0	33 37.0	33 32.1	33 27.2	33 22.1	33 17.0
34 40.0	34 35.0	34 28.0	34 21.0	34 14.0	34 07.0	34 00.1	33 54.1	33 48.0	33 43.0	33 38.0	33 33.1	33 28.1	33 23.0
34 46.0	34 41.0	34 34.0	34 27.0	34 20.0	34 13.0	34 06.0	34 00.0	33 54.0	33 49.0	33 44.0	33 39.0	33 34.0	33 29.0

Depth  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
60	18 45.0	18 42.0	18 42.0											
61	18 55.0	18 55.8	18 55.7											
62	19 13.0	19 09.7	19 09.5											
63	19 27.0	19 23.5	19 23.2											
64	19 41.0	19 37.4	19 37.0											
65	19 55.0	19 51.3	19 50.8											
66	20 09.0	20 05.2	20 04.6											
67	20 23.0	20 19.2	20 18.5											
68	20 37.0	20 33.1	20 32.3											
69	20 51.0	20 47.0	20 46.1											
70	21 05.0	21 01.0	21 00.0											
71	21 18.0	21 14.0	21 12.9											
72	21 32.0	21 28.0	21 26.8											
73	21 46.0	21 41.9	21 40.6											
74	22 00.0	21 55.9	21 54.5											
75	22 13.0	22 08.9	22 07.4											
76	22 27.0	22 23.0	22 21.4											
77	22 40.0	22 36.0	22 34.3											
78	22 54.0	22 50.0	22 48.2											
79	23 07.0	23 03.0	23 01.1											
80	23 21.0	23 17.0	23 15.0	23 13.0	23 13.0									
81	23 34.0	23 30.0	23 27.9	23 25.6	23 25.6	23 25.6								
82	23 47.0	23 43.0	23 40.8	23 38.3	23 38.2	23 38.2								
83	24 01.0	23 57.0	23 54.7	23 52.0	23 51.8	23 51.8								
84	24 14.0	24 10.0	24 07.6	24 04.8	24 04.5	24 04.5								
85	24 27.0	24 23.0	24 20.5	24 17.6	24 17.2	24 17.2								
86	24 40.0	24 36.0	24 33.4	24 30.4	24 29.9	24 29.9								
87	24 54.0	24 50.0	24 47.3	24 44.3	24 43.7	24 43.7								
88	25 07.0	25 03.0	25 00.2	24 57.2	24 56.4	24 56.4								
89	25 20.0	25 16.0	25 13.1	25 10.1	25 09.2	25 09.2								
90	25 33.0	25 29.0	25 26.0	25 23.0	25 22.0	25 22.0	25 21.0							
91	25 46.0	25 42.0	25 38.9	25 35.9	25 34.7	25 34.7	25 33.4							
92	25 59.0	25 55.0	25 51.8	25 48.8	25 47.4	25 47.4	25 45.9							
93	26 11.0	26 07.0	26 03.7	26 00.6	25 59.2	25 59.2	25 57.4							
94	26 24.0	26 20.0	26 16.6	26 13.5	26 11.9	26 11.9	26 10.0							
95	26 37.0	26 33.0	26 29.5	26 26.4	26 24.6	26 24.6	26 22.6							
96	26 50.0	26 46.0	26 42.4	26 39.4	26 37.3	26 37.3	26 35.2							
97	27 02.0	26 58.0	26 54.3	26 51.3	26 49.0	26 49.0	26 46.9							
98	27 15.0	27 11.0	27 07.2	27 04.2	27 01.7	27 01.7	26 59.6							
99	27 27.0	27 23.0	27 19.1	27 16.1	27 13.3	27 13.3	27 11.3							
100	27 40.0	27 36.0	27 32.0	27 29.0	27 26.0	27 26.0	27 24.0	27 23.0	27 22.0	27 22.0	27 23.0	27 23.0	27 23.0	27 23.0

Depth  $h =$

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
101	27	42.0	27	48.0	27	43.9	27	40.9	27	37.6	27	35.5	27	34.0	27	32.3	27	33.6										
102	28	04.0	28	00.0	27	55.8	27	52.9	27	49.2	27	47.0	27	45.0	27	43.6	27	44.1										
103	28	17.0	28	13.0	28	08.7	28	05.8	28	01.8	27	59.5	27	57.2	27	55.5	27	55.8										
104	28	29.0	28	25.0	28	20.6	28	17.7	28	13.4	28	11.0	28	08.4	28	06.6	28	05.5										
105	28	41.0	28	37.0	28	32.5	28	29.6	28	24.9	28	22.4	28	19.7	28	17.6	28	17.3										
106	28	53.0	28	49.0	28	44.4	28	41.5	28	36.5	28	33.9	28	31.1	28	28.8	28	28.1										
107	29	05.0	29	01.0	28	56.3	28	53.4	28	48.1	28	45.4	28	42.5	28	40.0	28	39.0										
108	29	17.0	29	13.0	29	08.2	29	05.3	28	59.7	28	56.9	28	53.9	28	51.3	28	49.9										
109	29	29.0	29	25.0	29	20.1	29	17.2	29	11.4	29	08.5	29	05.5	29	02.6	29	00.9										
110	29	41.0	29	37.0	29	32.0	29	29.0	29	23.0	29	20.0	29	17.0	29	14.0	29	12.0	29	13.0								
111	29	53.0	29	49.0	29	43.9	29	40.7	29	34.7	29	31.6	29	28.5	29	25.5	29	23.3	29	23.6								
112	30	05.0	30	01.0	29	55.8	29	52.4	29	46.5	29	43.3	29	40.0	29	36.9	29	34.3	29	34.3								
113	30	16.0	30	12.1	30	06.7	30	03.1	29	57.2	29	53.9	29	50.5	29	47.5	29	45.0	29	44.2								
114	30	27.0	30	23.1	30	17.6	30	13.8	30	08.0	30	04.6	30	01.1	29	58.0	29	55.5	29	54.3								
115	30	37.0	30	33.1	30	27.4	30	23.5	30	17.8	30	14.3	30	10.7	30	07.6	30	05.0	30	03.5								
116	30	48.0	30	44.1	30	38.3	30	34.2	30	28.6	30	25.0	30	21.3	30	18.3	30	15.6	30	13.8								
117	30	59.0	30	55.1	30	49.2	30	44.9	30	39.5	30	35.8	30	32.0	30	28.9	30	26.1	30	24.3								
118	31	09.0	31	05.1	30	59.2	30	54.6	30	49.3	30	45.5	30	41.6	30	38.6	30	35.7	30	33.8								
119	31	20.0	31	16.0	31	10.1	31	05.3	31	00.1	30	56.2	30	52.3	30	49.3	30	46.4	30	44.4								
120	31	30.0	31	26.0	31	20.0	31	15.0	31	10.0	31	06.0	31	02.0	30	59.0	30	56.0	30	54.0	30	53.0						
121	31	41.0	31	36.9	31	31.0	31	25.8	31	20.9	31	16.8	31	12.8	31	09.7	31	06.5	31	04.5	31	02.6						
122	31	51.0	31	46.8	31	41.0	31	35.7	31	30.8	31	26.5	31	22.5	31	19.3	31	16.1	31	14.0	31	11.4						
123	32	02.0	31	57.7	31	52.0	31	46.5	31	41.6	31	37.3	31	33.3	31	30.0	31	26.7	31	24.5	31	21.6						
124	32	12.0	32	07.6	32	02.0	31	56.4	31	51.5	31	47.1	31	43.1	31	39.7	31	36.2	31	34.1	31	30.9						
125	32	22.0	32	17.5	32	12.0	32	06.3	32	01.4	31	56.9	31	52.9	31	49.4	31	45.8	31	43.7	31	40.4						
126	32	32.0	32	27.4	32	22.0	32	16.2	32	11.4	32	06.7	32	02.7	31	59.1	31	55.4	31	53.3	31	50.2						
127	32	42.0	32	37.3	32	32.0	32	26.2	32	21.3	32	16.5	32	12.5	32	08.8	32	05.0	32	03.0	32	00.0						
128	32	52.0	32	47.2	32	42.0	32	36.1	32	31.2	32	26.3	32	22.3	32	18.5	32	14.7	32	12.6	32	09.9						
129	33	02.0	32	57.1	32	52.0	32	46.0	32	41.1	32	36.2	32	32.2	32	28.3	32	24.3	32	22.3	32	20.0						
130	33	12.0	33	07.0	33	02.0	32	56.0	32	51.0	32	46.0	32	42.0	32	38.0	32	34.0	32	32.0	32	30.0	32	28.0	32	26.0	32	27.0
131	33	22.0	33	17.0	33	11.9	33	06.0	33	00.7	32	55.9	32	51.8	32	47.8	32	43.7	32	41.7	32	39.6	32	36.2	32	36.1	32	35.1
132	33	32.0	33	27.0	33	21.8	33	16.0	33	10.8	33	05.7	33	01.6	32	57.5	32	53.5	32	51.3	32	49.1	32	44.8	32	44.6	32	43.6
133	33	42.0	33	36.9	33	31.8	33	25.9	33	20.7	33	15.6	33	11.4	33	07.3	33	03.3	33	01.0	33	58.7	32	53.7	32	53.4	32	52.4
134	33	51.0	33	45.9	33	40.7	33	34.9	33	29.6	33	24.5	33	20.2	33	16.1	33	12.0	33	09.7	33	07.3	33	01.9	33	01.5	33	00.5
135	34	01.0	33	55.9	33	50.6	33	44.9	33	39.5	33	34.4	33	30.0	33	25.9	33	21.8	33	19.4	33	16.9	33	11.4	33	10.9	33	09.9
136	34	11.0	34	05.9	34	00.4	33	55.0	33	49.4	33	44.3	33	39.6	33	35.7	33	31.6	33	29.1	33	26.5	33	21.1	33	20.6	33	19.5
137	34	20.0	34	14.9	34	09.3	34	04.0	33	58.3	33	53.2	33	48.6	33	44.5	33	40.5	33	37.8	33	35.1	33	30.1	33	29.4	33	28.4
138	34	30.0	34	25.0	34	19.2	34	14.0	34	08.2	34	03.2	33	58.4	33	54.3	33	50.3	33	47.5	33	44.7	33	40.2	33	39.5	33	38.4
139	34	39.0	34	34.0	34	28.1	34	23.0	34	17.1	34	12.1	34	07.2	34	03.2	34	03.2	34	59.2	33	53.4	33	49.5	33	48.7	33	47.6
140	34	48.0	34	43.0	34	37.0	34	32.0	34	26.0	34	21.0	34	16.0	34	12.0	34	08.0	34	05.0	34	02.0	34	59.0	33	58.0	33	57.0

BRANCH

PPS

TIMES OF

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
141	34	58.0	34	53.0	34	46.9	34	42.0	34	35.9	34	30.9	34	25.8	24	21.9	34	17.9	34	14.8	34	11.7	34	09.6	34	08.5	34	07.5
142	35	07.0	35	02.1	34	55.8	34	51.0	34	44.8	34	39.9	34	34.7	34	30.7	34	26.7	34	23.5	34	20.4	34	19.2	34	18.0	34	17.0
143	35	16.0	35	11.1	35	04.7	35	00.1	34	53.7	34	48.8	34	43.5	34	39.6	34	35.6	34	32.3	34	29.0	34	27.6	34	26.3	34	25.3
144	35	25.0	35	20.1	35	13.5	35	09.1	35	02.7	34	57.8	34	52.3	34	48.4	34	44.5	34	41.0	34	37.7	34	36.3	34	35.0	34	34.0
145	35	34.0	35	29.1	35	22.5	35	18.1	35	11.6	35	06.7	35	01.2	34	57.2	34	53.4	34	49.8	34	46.5	34	45.0	34	43.7	34	42.6
146	35	44.0	35	39.2	35	32.4	35	28.1	35	21.5	35	16.7	35	11.0	35	07.2	35	03.2	34	59.6	34	56.2	34	54.7	34	53.4	34	52.1
147	35	53.0	35	48.2	35	41.4	35	37.1	35	30.4	35	25.6	35	19.9	35	16.1	35	12.1	35	08.4	35	04.9	35	03.4	35	02.1	35	01.0
148	36	02.0	35	57.2	35	50.3	35	46.1	35	39.4	35	34.6	35	28.7	35	25.0	35	21.0	35	17.2	35	13.7	35	12.2	35	10.9	35	09.6
149	36	11.0	36	05.2	35	59.3	35	55.0	35	48.3	35	43.6	35	37.6	35	33.9	35	29.9	35	26.0	35	22.5	35	20.9	35	19.6	35	18.3
150	36	20.0	36	15.0	36	08.8	36	03.6	35	57.4	35	52.4	35	46.8	35	42.8	35	38.3	35	34.7	35	31.5	35	28.3	35	26.7	35	25.3
151	36	29.0	36	23.0	36	16.8	36	11.5	36	05.3	36	00.4	35	54.7	35	50.7	35	46.2	35	42.5	35	39.3	35	36.1	35	34.5	35	33.0
152	36	37.0	36	32.0	36	25.8	36	20.4	36	14.3	36	09.3	36	03.6	35	59.6	35	55.0	35	51.3	35	48.1	35	45.0	35	43.3	35	41.7
153	36	46.0	36	41.0	36	34.8	36	29.4	36	23.2	36	18.3	36	12.5	36	08.5	36	03.9	36	00.1	35	57.0	35	53.8	35	52.1	35	50.5
154	36	55.0	36	50.0	36	43.9	36	38.3	36	32.2	36	27.2	36	21.4	36	17.5	36	12.7	36	08.5	36	05.8	36	02.7	36	00.9	36	59.2
155	37	04.0	36	59.0	36	52.9	36	47.3	36	41.1	36	36.2	36	30.3	36	26.4	36	21.6	36	17.7	36	14.7	36	11.5	36	09.7	36	08.0
156	37	13.0	37	08.0	37	01.9	36	56.2	36	50.1	36	45.2	36	39.3	36	35.3	36	30.5	36	26.6	36	23.5	36	20.4	36	18.6	36	16.8
157	37	21.0	37	16.0	37	09.9	37	04.2	36	58.1	36	53.1	36	47.2	36	43.2	36	38.4	36	34.4	36	31.4	36	28.3	36	26.4	36	24.6
158	37	30.0	37	25.0	37	19.0	37	13.1	37	07.1	37	02.1	36	56.1	36	52.2	36	47.2	36	43.3	36	40.3	36	37.2	36	35.3	36	33.5
159	37	39.0	37	34.0	37	28.0	37	22.1	37	16.0	37	11.0	37	05.1	37	01.1	36	56.1	36	52.1	36	49.1	36	46.1	36	44.1	36	42.2
160	37	47.0	37	42.0	37	36.0	37	30.0	37	24.0	37	19.0	37	13.0	37	09.0	37	04.0	37	00.0	36	57.0	36	54.0	36	52.0	36	50.0
161	37	56.0	37	51.0	37	45.0	37	39.0	37	33.0	37	28.0	37	22.0	37	17.9	37	12.9	37	08.9	37	05.9	37	02.9	37	00.9	37	58.8
162	38	05.0	38	00.0	37	54.1	37	47.9	37	42.0	37	36.9	37	30.9	37	26.9	37	21.8	37	17.8	37	14.8	37	11.8	37	09.8	37	07.7
163	38	13.0	38	08.0	38	02.1	37	55.9	37	50.0	37	44.9	37	38.8	37	34.8	37	29.7	37	25.7	37	22.7	37	19.7	37	17.6	37	15.5
164	38	22.0	38	17.0	38	11.1	38	04.8	37	58.9	37	53.9	37	47.8	37	43.7	37	38.6	37	34.6	37	31.6	37	28.7	37	26.5	37	24.4
165	38	30.0	38	25.0	38	19.1	38	12.8	38	06.9	38	01.8	37	55.7	37	51.6	37	46.5	37	42.5	37	39.5	37	36.6	37	34.4	37	32.2
166	38	39.0	38	34.0	38	28.2	38	21.8	38	15.9	38	10.8	38	04.7	38	00.6	37	55.5	37	51.4	37	48.4	37	45.5	37	43.3	37	41.1
167	38	47.0	38	42.0	38	36.2	38	29.8	38	23.9	38	18.7	38	12.6	38	08.5	38	03.4	37	59.3	37	56.3	37	53.5	37	51.2	37	48.9
168	38	56.0	38	51.0	38	45.2	38	38.7	38	32.9	38	27.7	38	21.6	38	17.4	38	12.3	38	08.2	38	05.2	38	02.4	38	00.1	37	57.8
169	39	04.0	38	59.0	38	53.2	38	46.7	38	40.9	38	35.7	38	29.6	38	25.3	38	20.3	38	16.2	38	13.1	38	10.3	38	07.9	38	05.6
170	39	13.0	39	08.0	39	02.2	38	55.7	38	49.9	38	44.6	38	38.5	38	34.2	38	29.2	38	25.1	38	22.0	38	19.2	38	16.8	38	14.5
171	39	21.0	39	16.0	39	10.2	39	03.7	38	57.9	38	52.6	38	46.5	38	42.1	38	37.2	38	33.1	38	29.9	38	27.1	38	24.7	38	22.4
172	39	30.0	39	25.0	39	19.2	39	12.7	39	06.9	39	01.5	38	55.4	38	51.0	38	46.1	38	42.0	38	38.8	38	36.0	38	33.5	38	31.2
173	39	38.0	39	33.0	39	27.2	39	20.7	39	14.9	39	09.5	39	03.4	38	58.9	38	54.1	38	50.0	38	46.7	38	43.9	38	41.4	38	39.1
174	39	46.0	39	41.0	39	35.2	39	28.7	39	22.9	39	17.4	39	11.3	39	06.8	39	02.1	38	58.0	38	54.6	38	51.8	38	49.2	38	47.0
175	39	55.0	39	50.0	39	44.2	39	37.8	39	31.9	39	26.3	39	20.3	39	15.7	39	11.0	39	07.0	39	03.5	39	00.7	38	58.1	38	55.8
176	40	03.0	39	58.0	39	52.2	39	45.8	39	39.9	39	34.3	39	28.2	39	23.6	39	19.0	39	14.9	39	11.4	39	08.6	39	05.9	39	03.7
177	40	12.0	40	07.0	40	01.1	39	54.6	39	49.0	39	43.2	39	37.2	39	32.4	39	28.0	39	24.0	39	20.3	39	17.5	39	14.7	39	12.5
178	40	20.0	40	15.0	40	09.1	40	02.9	39	57.0	39	51.2	39	45.1	39	40.3	39	36.0	39	32.0	39	28.2	39	25.3	39	22.5	39	20.3
179	40	28.0	40	23.0	40	17.1	40	10.9	40	05.0	39	59.1	39	53.1	39	48.2	39	44.0	39	40.0	39	36.1	39	33.2	39	30.2	39	28.2
180	40	37.0	40	32.0	40	26.0	40	20.0	40	14.0	40	08.0	40	02.0	39	57.0	39	53.0	39	49.0	39	45.0	39	42.0	39	39.0	39	37.0

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
100	32	25.0	32	22.0	32	22.0																						
101	32	39.0	32	35.8	32	35.7																						
102	32	53.0	32	49.7	32	49.5																						
103	33	08.0	33	04.5	33	04.2																						
104	33	22.0	33	18.4	33	18.0																						
105	33	36.0	33	32.3	33	31.8																						
106	33	50.0	33	46.2	33	45.6																						
107	34	04.0	34	00.2	33	59.5																						
108	34	18.0	34	14.1	34	13.3																						
109	34	31.0	34	27.0	34	26.1																						
110	34	45.0	34	41.0	34	40.0																						
111	34	59.0	34	55.0	34	53.9																						
112	35	13.0	35	09.0	35	07.8																						
113	35	27.0	35	22.9	35	21.6																						
114	35	40.0	35	35.9	35	34.5																						
115	35	54.0	35	49.9	35	48.4																						
116	36	08.0	36	04.0	36	02.4																						
117	36	21.0	36	17.0	36	15.3																						
118	36	35.0	36	31.0	36	29.2																						
119	36	49.0	36	45.0	36	43.1																						
120	37	02.0	36	58.0	36	56.0	36	55.0																				
121	37	16.0	37	12.0	37	09.9	37	08.7																				
122	37	29.0	37	25.0	37	22.8	37	21.3																				
123	37	42.0	37	38.0	37	35.7	37	34.1																				
124	37	56.0	37	52.0	37	49.6	37	47.8																				
125	38	09.0	38	05.0	38	02.4	38	00.6																				
126	38	22.0	38	18.0	38	15.3	38	13.5																				
127	38	36.0	38	32.0	38	29.2	38	27.3																				
128	38	49.0	38	45.0	38	42.2	38	40.2																				
129	39	02.0	38	58.0	38	55.1	38	53.1																				
130	39	15.0	39	11.0	39	08.0	39	06.0	39	05.0																		
131	39	28.0	39	24.0	39	21.0	39	18.9	39	17.5																		
132	39	41.0	39	37.0	39	34.0	39	31.8	39	30.0																		
133	39	54.0	39	50.0	39	47.0	39	44.6	39	42.6																		
134	40	07.0	40	03.0	40	00.0	39	57.5	39	55.3																		
135	40	20.0	40	16.0	40	13.0	40	10.4	40	08.0																		
136	40	33.0	40	29.0	40	26.0	40	23.4	40	20.8																		
137	40	46.0	40	42.0	40	39.0	40	36.3	40	33.5																		
138	40	59.0	40	55.0	40	52.0	40	49.2	40	46.3																		
139	41	12.0	41	08.0	41	05.0	41	02.1	40	59.2																		

TIMES OF      PSS      BRANCH  
 Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
140	41	24.0	41	20.0	41	17.0	41	14.0	41	11.0	41	10.0																
141	41	37.0	41	33.0	41	29.9	41	26.9	41	23.8	41	22.4																
142	41	50.0	41	46.0	41	42.8	41	39.8	41	36.5	41	34.0																
143	42	02.0	41	58.0	41	54.7	41	51.7	41	48.3	41	46.4																
144	42	15.0	42	11.0	42	07.6	42	04.6	42	01.1	41	59.0																
145	42	27.0	42	23.0	42	19.5	42	16.5	42	12.9	42	10.8																
146	42	40.0	42	36.0	42	32.4	42	29.4	42	25.7	42	23.5																
147	42	52.0	42	48.0	42	44.3	42	41.3	42	37.5	42	35.3																
148	43	04.0	43	00.0	42	56.2	42	53.2	42	49.3	42	47.2																
149	43	17.0	43	13.0	43	09.1	43	06.1	43	02.2	43	00.1																
150	43	29.0	43	25.0	43	21.0	43	18.0	43	14.0	43	12.0	43	11.0	43	10.0												
151	43	41.0	43	37.0	43	33.0	43	29.7	43	25.9	43	23.8	43	22.2	43	21.1												
152	43	53.0	43	49.0	43	45.0	43	41.8	43	37.8	43	35.6	43	33.5	43	32.3												
153	44	05.0	44	01.0	43	57.0	43	53.8	43	49.7	43	47.4	43	45.0	43	43.6												
154	44	17.0	44	13.0	44	09.0	44	05.7	44	01.6	43	59.2	43	56.5	43	55.1												
155	44	29.0	44	25.0	44	21.0	44	17.6	44	13.5	44	11.0	44	08.1	44	06.6												
156	44	41.0	44	37.0	44	33.0	44	29.5	44	25.4	44	22.8	44	19.8	44	18.2												
157	44	53.0	44	49.0	44	45.0	44	41.4	44	37.3	44	34.6	44	31.6	44	29.8												
158	45	05.0	45	01.0	44	57.0	44	53.3	44	49.2	44	46.4	44	43.4	44	41.5												
159	45	17.0	45	13.0	45	09.0	45	05.1	45	01.1	44	58.2	44	55.2	44	53.2												
160	45	29.0	45	25.0	45	21.0	45	17.0	45	13.0	45	10.0	45	07.0	45	05.0	45	03.0										
161	45	41.0	45	37.0	45	32.9	45	28.8	45	24.8	45	21.7	45	18.6	45	16.6	45	13.9										
162	45	53.0	45	49.0	45	44.9	45	40.6	45	36.7	45	33.4	45	30.1	45	29.1	45	24.9										
163	46	04.0	46	00.0	45	55.8	45	51.4	45	47.5	45	44.1	45	40.7	45	38.7	45	35.2										
164	46	15.0	46	11.0	46	06.7	46	02.2	45	58.3	45	54.8	45	51.3	45	49.3	45	45.6										
165	46	27.0	46	23.0	46	18.6	46	14.0	46	10.1	46	06.5	46	02.9	46	00.9	46	57.1										
166	46	38.0	46	34.0	46	29.5	46	24.8	46	20.9	46	17.2	46	13.5	46	11.5	46	07.7										
167	46	49.0	46	45.0	46	40.4	46	35.6	46	31.7	46	27.9	46	24.1	46	22.1	46	18.4										
168	47	00.0	46	56.0	46	51.2	46	46.4	46	42.4	46	38.6	46	34.7	46	32.7	46	29.2										
169	47	11.0	47	07.0	47	02.1	46	57.2	46	53.2	46	49.3	46	45.4	46	43.4	46	40.1										
170	47	23.0	47	19.0	47	14.0	47	09.0	47	05.0	47	01.0	46	57.0	46	55.0	46	52.0	46	52.0								
171	47	34.0	47	30.0	47	24.9	47	19.9	47	15.8	47	11.8	47	07.7	47	05.7	47	02.6	47	01.6								
172	47	44.0	47	40.0	47	34.8	47	29.7	47	25.6	47	21.5	47	17.5	47	15.3	47	12.3	47	10.5								
173	47	55.0	47	51.0	47	45.7	47	40.6	47	36.4	47	32.3	47	28.3	47	26.0	47	23.0	47	20.6								
174	48	06.0	48	02.0	47	56.6	47	51.5	47	47.2	47	43.1	47	39.0	47	36.7	47	33.7	47	30.9								
175	48	17.0	48	13.0	48	07.5	48	02.4	47	58.0	47	53.9	47	49.8	47	47.4	47	44.4	47	41.4								
176	48	28.0	48	24.0	48	18.4	48	13.3	48	08.8	48	04.7	48	00.6	47	58.1	47	55.1	47	52.1								
177	48	38.0	48	34.0	48	28.3	48	23.2	48	18.6	48	14.5	48	10.5	48	07.8	48	04.8	48	01.9								
178	48	49.0	48	45.0	48	39.2	48	34.2	48	29.4	48	25.4	48	21.3	48	18.6	48	15.5	48	12.8								
179	49	00.0	48	56.0	48	50.1	48	45.1	48	40.2	48	36.2	48	32.2	48	29.3	48	26.3	48	23.9								

Δ	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
180	49 10.0	49 06.0	49 00.0	48 55.0	48 50.0	48 46.0	48 42.0	48 39.0	48 36.0	48 34.0	48 33.0			
181	49 20.0	49 16.0	49 09.9	49 04.9	48 59.8	48 55.8	48 51.9	48 48.7	48 45.8	48 44.2	48 43.4			
182	49 31.0	49 27.0	49 20.9	49 15.9	49 10.7	49 06.7	49 02.7	48 59.5	48 56.5	48 55.5	48 54.6			
183	49 41.0	49 37.0	49 30.8	49 25.8	49 20.5	49 16.5	49 12.6	49 09.2	49 06.3	49 05.8	49 05.2			
184	49 52.0	49 48.0	49 41.7	49 36.8	49 31.3	49 27.4	49 23.5	49 20.0	49 17.0	49 17.1	49 16.6			
185	50 02.0	49 57.9	49 51.7	49 46.7	49 41.2	49 37.2	49 33.4	49 29.7	49 26.8	49 27.4	49 27.0			
186	50 12.0	50 07.9	50 01.6	49 56.7	49 51.0	49 47.1	49 43.2	49 39.5	49 35.5	49 37.7	49 37.4			
187	50 22.0	50 17.9	50 11.6	50 06.6	50 00.9	49 56.9	49 53.1	49 49.2	49 46.3	49 47.9	49 47.7			
188	50 32.0	50 27.8	50 21.5	50 16.6	50 10.7	50 06.8	50 03.0	49 59.0	49 56.0	49 58.1	49 57.9			
189	50 42.0	50 37.8	50 31.5	50 26.6	50 20.6	50 16.7	50 12.9	50 08.8	50 05.8	50 08.2	50 08.0			
190	50 52.0	50 47.8	50 41.5	50 36.5	50 30.5	50 26.5	50 22.8	50 18.5	50 15.5	50 12.5	50 10.5			
191	51 02.0	50 57.7	50 51.5	50 46.5	50 40.4	50 36.4	50 32.6	50 28.3	50 25.2	50 22.2	50 20.1			
192	51 12.0	51 07.7	51 01.5	50 56.4	50 50.3	50 46.2	50 42.5	50 38.0	50 34.9	50 31.8	50 29.6			
193	51 22.0	51 17.6	51 11.5	51 06.4	51 00.2	50 56.1	50 52.3	50 47.8	50 44.6	50 41.5	50 39.2			
194	51 32.0	51 27.5	51 21.6	51 16.3	51 10.2	51 05.9	51 02.2	50 57.5	50 54.3	50 51.1	50 48.7			
195	51 41.0	51 36.5	51 30.6	51 25.3	51 19.1	51 14.8	51 11.0	51 06.3	51 03.0	50 59.8	50 57.3			
196	51 51.0	51 46.4	51 40.7	51 35.2	51 29.1	51 24.6	51 20.8	51 16.0	51 12.6	51 09.4	51 06.8			
197	52 01.0	51 56.3	51 50.7	51 45.2	51 39.0	51 34.5	51 30.7	51 25.8	51 22.3	51 19.1	51 16.4			
198	52 10.0	52 05.2	51 59.8	51 54.1	51 48.0	51 43.3	51 39.5	51 34.5	51 30.9	51 27.7	51 24.5			
199	52 20.0	52 15.1	52 09.9	52 04.1	51 58.0	51 53.2	51 49.2	51 44.3	51 40.4	51 37.4	51 34.5			
200	52 29.0	52 24.0	52 19.0	52 13.0	52 07.0	52 02.0	51 58.0	51 53.0	51 49.0	51 46.0	51 43.0	51 41.0	51 40.0	
201	52 39.0	52 34.0	52 29.0	52 23.0	52 17.0	52 11.9	52 07.9	52 02.8	51 58.8	51 55.7	51 52.6	51 50.5	51 49.6	
202	52 48.0	52 42.9	52 38.0	52 31.9	52 25.9	52 20.8	52 16.7	52 11.6	52 07.5	52 04.5	52 01.3	51 59.0	51 58.3	
203	52 58.0	52 52.9	52 48.0	52 41.9	52 35.8	52 30.7	52 26.6	52 21.4	52 17.3	52 14.2	52 10.9	52 08.5	52 07.9	
204	53 07.0	53 01.8	52 57.0	52 50.9	52 44.8	52 39.6	52 35.5	52 30.2	52 26.1	52 23.0	52 19.6	52 17.0	52 16.6	
205	53 16.0	53 10.8	53 06.0	52 59.8	52 53.7	52 48.5	52 44.3	52 39.0	52 34.8	52 31.8	52 28.2	52 25.6	52 25.2	
206	53 25.0	53 19.8	53 15.0	53 08.8	53 02.7	52 57.5	52 53.2	52 47.9	52 43.6	52 40.5	52 36.9	52 34.2	52 33.9	
207	53 34.0	53 28.8	53 24.0	53 17.7	53 11.6	53 06.4	53 02.0	52 56.7	52 52.4	52 49.3	52 45.7	52 42.8	52 42.6	
208	53 43.0	53 37.7	53 33.0	53 26.7	53 20.6	53 15.3	53 10.9	53 05.5	53 01.2	52 58.1	52 54.4	52 51.4	52 51.2	
209	53 52.0	53 46.7	53 41.9	53 35.7	53 29.6	53 24.3	53 19.8	53 14.4	53 10.1	53 06.9	53 03.1	53 00.1	52 59.9	
210	54 01.0	53 55.7	53 50.9	53 44.6	53 38.5	53 33.2	53 28.6	53 23.2	53 18.9	53 15.7	53 11.9	53 08.8	53 08.6	
211	54 10.0	54 04.7	53 59.9	53 53.6	53 47.5	53 42.2	53 37.5	53 32.1	53 27.8	53 24.5	53 20.7	53 17.5	53 17.3	
212	54 19.0	54 13.7	54 08.8	54 02.5	53 56.4	53 51.1	53 46.3	53 40.9	53 36.6	53 33.3	53 29.5	53 26.3	53 26.0	
213	54 28.0	54 22.7	54 17.7	54 11.5	54 05.4	54 00.1	53 55.2	53 49.8	53 45.5	53 42.1	53 38.4	53 35.1	53 34.7	
214	54 37.0	54 31.7	54 26.7	54 20.4	54 14.3	54 09.1	54 04.0	53 58.7	53 54.4	53 51.0	53 47.2	53 44.0	53 43.5	
215	54 46.0	54 40.6	54 35.6	54 29.3	54 23.3	54 18.0	54 12.8	54 07.5	54 03.3	53 59.8	53 56.1	53 52.9	53 52.2	
216	54 55.0	54 49.8	54 44.5	54 38.3	54 32.2	54 27.0	54 21.7	54 16.4	54 12.2	54 08.6	54 05.0	54 01.8	54 00.9	
217	55 03.0	54 57.6	54 52.4	54 46.2	54 40.2	54 35.0	54 29.5	54 24.3	54 20.1	54 16.5	54 13.0	54 09.8	54 08.7	
218	55 12.0	55 06.9	55 01.3	54 55.2	54 49.1	54 44.0	54 38.4	54 33.2	54 29.1	54 25.3	54 22.0	54 18.8	54 17.5	
219	55 21.0	55 15.9	55 10.2	55 04.1	54 58.1	54 53.0	54 47.2	54 42.1	54 38.0	54 34.2	54 31.0	54 27.9	54 26.2	
220	55 30.0	55 25.0	55 19.0	55 13.0	55 07.0	55 02.0	54 56.0	54 51.0	54 47.0	54 43.0	54 40.0	54 37.0	54 35.0	54 33.0

Depth  $h =$

$\Delta$	Surface	0:00	0:01	0:02	0:03	0:04	0:05	0:06	0:07	0:08	0:09	0:10	0:11	0:12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
10	4 46.0	4 41.0												
11	5 11.0	5 06.0												
12	5 37.0	5 32.0												
13	6 02.0	5 57.0												
14	6 27.0	6 22.0												
15	6 53.0	6 48.0												
16	7 18.0	7 13.0												
17	7 43.0	7 38.0												
18	8 08.0	8 03.0												
19	8 33.0	8 28.0												
20	8 58.0	8 53.0	8 52.0											
21	9 23.0	9 18.0	9 16.8											
22	9 48.0	9 43.0	9 41.6											
23	10 13.0	10 08.0	10 06.4											
24	10 38.0	10 33.0	10 31.2											
25	11 03.0	10 58.0	10 56.0											
26	11 28.0	11 23.0	11 20.8											
27	11 53.0	11 48.0	11 45.6											
28	12 17.0	12 12.0	12 09.4											
29	12 42.0	12 37.0	12 34.2											
30	13 07.0	13 01.0	12 59.0	12 58.0										
31	13 31.0	13 25.0	13 22.9	13 21.9										
32	13 56.0	13 50.0	13 47.8	13 46.6										
33	14 20.0	14 14.0	14 11.7	14 10.3										
34	14 45.0	14 39.0	14 36.5	14 35.0										
35	15 09.0	15 03.0	15 00.3	14 58.6										
36	15 33.0	15 27.0	15 24.1	15 22.1										
37	15 58.0	15 52.0	15 48.8	15 46.6										
38	16 22.0	16 16.0	16 12.6	16 10.1										
39	16 46.0	16 40.0	16 36.3	16 33.6										
40	17 10.0	17 04.0	17 00.0	16 57.0	16 56.0									
41	17 34.0	17 28.0	17 23.5	17 20.6	17 19.4									
42	17 58.0	17 52.0	17 47.2	17 44.2	17 42.8									
43	18 22.0	18 16.0	18 10.8	18 07.8	18 05.2									
44	18 45.0	18 39.0	18 33.6	18 30.4	18 28.6									
45	19 09.0	19 03.0	18 57.4	18 54.0	18 52.0									
46	19 32.0	19 26.0	19 20.2	19 16.6	19 14.4									
47	19 56.0	19 50.0	19 44.1	19 40.2	19 37.8									
48	20 19.0	20 13.0	20 07.1	20 02.8	20 00.2									
49	20 42.0	20 36.0	20 30.0	20 25.4	20 22.6									

Δ	Depth h =														
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	
50	21 06.0	21 00.0	20 54.0	20 49.0	20 46.0	20 44.0	20 42.0		20 46.0						
51	21 29.0	21 23.0	21 16.9	21 12.3	21 08.5	21 05.8	21 05.2		21 05.4						
52	21 51.0	21 45.0	21 39.0	21 34.0	21 30.0	21 27.0	21 26.0		21 24.0	21 24.0					
53	22 14.0	22 08.0	22 02.1	21 56.5	21 52.5	21 49.5	21 47.6		21 43.6	21 43.1					
54	22 37.0	22 31.0	22 25.0	22 19.0	22 15.0	22 12.0	22 09.0	22 07.0	22 03.0	22 02.0					
55	23 00.0	22 54.0	22 47.7	22 41.8	22 37.5	22 34.3	22 30.4	22 26.7	22 22.2	22 20.9					
56	23 22.0	23 16.0	23 09.0	23 04.0	22 59.0	22 55.0	22 51.0	22 45.0	22 40.0	22 39.0	22 39.0				
57	23 45.0	23 39.3	23 32.4	23 26.9	23 21.7	23 16.5	23 10.4	23 05.3	23 00.3	22 58.2	22 57.7				
58	24 07.0	24 01.0	23 54.0	23 48.0	23 42.0	23 36.0	23 29.0	23 24.0	23 19.0	23 16.0	23 15.0				
59	24 29.0	24 22.5	24 15.1	24 08.6	24 01.6	23 55.0	23 47.8	23 42.4	23 37.4	23 33.8	23 32.3	23 31.9			
60	24 51.0	24 44.0	24 36.0	24 29.0	24 21.0	24 14.0	24 07.0	24 01.0	23 56.0	23 52.0	23 50.0	23 49.0			
61	25 13.0	25 05.8	24 56.9	24 49.4	24 40.9	24 33.5	24 26.7	24 20.1	24 15.1	24 10.9	24 08.4	24 06.9			
62	25 33.0	25 26.0	25 16.0	25 08.0	25 00.0	24 52.0	24 45.0	24 38.0	24 33.0	24 29.0	24 26.0	24 24.0			
63	25 52.0	25 45.3	25 34.9	25 26.6	25 18.8	25 10.8	25 03.1	24 56.1	24 50.3	24 46.5	24 42.8	24 41.1			
64	26 11.0	26 04.0	25 54.0	25 45.0	25 37.0	25 29.0	25 21.0	25 14.0	25 08.0	25 04.0	25 00.0	24 58.0			
65	26 30.0	26 22.5	26 13.1	26 03.4	25 54.9	25 47.0	25 38.9	25 31.9	25 25.9	25 21.5	25 17.5	25 14.9	25 14.5		
66	26 49.0	26 41.0	26 32.0	26 22.0	26 13.0	26 05.0	25 57.0	25 50.0	25 44.0	25 39.0	25 35.0	25 32.0	25 31.0		
67	27 07.0	26 58.8	26 49.7	26 39.8	26 30.6	26 21.3	26 14.3	26 07.3	26 01.1	25 55.5	25 51.3	25 48.3	25 46.8		
68	27 25.0	27 17.0	27 07.0	26 58.0	26 49.0	26 40.0	26 31.0	26 25.0	26 18.0	26 12.0	26 07.0	26 05.0	26 03.0		
69	27 43.0	27 35.0	27 25.0	27 15.5	27 06.5	26 57.5	26 49.5	26 41.9	26 35.0	26 29.0	26 23.4	26 21.4	26 19.4		
70	28 01.0	27 53.0	27 43.0	27 33.0	27 24.0	27 15.0	27 07.0	26 59.0	26 52.0	26 45.0	26 40.0	26 38.0	26 36.0		
71	28 18.0	28 10.0	28 00.0	27 49.6	27 40.6	27 31.6	27 23.5	27 15.2	27 08.2	27 02.2	26 55.9	26 53.8	26 51.7	26 50.7	
72	28 36.0	28 28.0	28 17.9	28 07.4	27 58.3	27 49.2	27 41.1	27 32.5	27 25.4	27 19.4	27 13.0	27 10.7	27 08.6	27 07.5	
73	28 53.0	28 45.0	28 34.8	28 24.2	28 15.0	28 05.8	27 57.6	27 48.9	27 41.8	27 35.8	27 29.3	27 26.7	27 24.6	27 23.4	
74	29 10.0	29 02.0	28 51.7	28 41.0	28 31.7	28 22.5	28 14.2	28 05.5	27 58.2	27 52.2	27 45.8	27 42.9	27 40.7	27 39.4	
75	29 27.0	29 19.0	29 08.6	28 57.9	28 48.5	28 39.1	28 30.7	28 22.1	28 14.7	28 08.7	28 02.4	27 59.2	27 56.9	27 55.5	
76	29 44.0	29 36.0	29 25.5	29 14.9	29 05.4	28 55.9	28 47.4	28 38.8	28 31.2	28 25.3	28 19.2	28 15.6	28 13.1	28 11.7	
77	30 00.0	29 52.0	29 41.4	29 30.9	29 21.3	29 11.6	29 03.0	28 54.5	28 46.9	28 40.9	28 35.0	28 31.1	28 28.5	28 26.9	
78	30 17.0	30 09.0	29 58.1	29 48.2	29 38.3	29 28.4	29 19.5	29 11.6	29 03.7	28 57.6	28 52.7	28 48.0	28 45.2	28 43.5	
79	30 33.0	30 25.0	30 14.0	30 04.1	29 54.2	29 44.2	29 35.2	29 27.3	29 19.3	29 13.4	29 08.4	29 03.5	29 00.6	28 58.7	
80	30 50.0	30 42.0	30 31.0	30 21.0	30 11.0	30 01.0	29 52.0	29 44.0	29 36.0	29 30.0	29 25.0	29 20.0	29 17.0	29 15.0	
81	31 06.0	30 58.0	30 47.0	30 36.9	30 26.9	30 16.9	30 07.8	29 59.7	29 51.7	29 45.6	29 40.7	29 35.6	29 32.5	29 30.3	
82	31 22.0	31 14.0	31 03.0	30 52.8	30 42.7	30 32.7	30 23.7	30 15.5	30 07.4	30 01.2	29 56.3	29 51.2	29 48.0	29 45.7	
83	31 39.0	31 31.0	31 19.9	31 09.7	30 59.6	30 49.5	30 40.5	30 32.2	30 24.2	30 17.9	30 13.0	30 07.8	30 04.5	30 02.1	
84	31 55.0	31 47.0	31 35.9	31 25.6	31 15.5	31 05.4	30 56.4	30 48.0	30 40.0	30 33.6	30 28.7	30 23.5	30 20.0	30 17.6	
85	32 11.0	32 03.0	31 51.9	31 41.4	31 31.4	31 21.3	31 12.3	31 03.8	30 55.8	30 49.3	30 44.4	30 39.2	30 35.6	30 33.1	
86	32 27.0	32 19.0	32 08.0	31 57.3	31 47.3	31 37.2	31 28.2	31 19.6	31 11.6	31 05.0	31 00.1	30 54.9	30 51.3	30 48.6	
87	32 43.0	32 35.0	32 24.0	32 13.2	32 03.2	31 53.2	31 44.2	31 35.5	31 27.4	31 20.7	31 15.8	31 10.7	31 06.9	31 04.1	
88	32 59.0	32 51.0	32 40.0	32 29.1	32 19.1	32 09.1	32 00.2	31 51.3	31 43.3	31 36.4	31 31.5	31 26.5	31 22.6	31 19.7	
89	33 15.0	33 07.0	32 56.0	32 45.0	32 35.0	32 25.0	32 16.1	32 07.2	31 59.2	31 52.2	31 47.3	31 42.3	31 38.3	31 35.3	

Δ	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	s	m	s	m	s	m	s	m	s	m	s	m	s
90	33 21.0	33 23.0	33 12.0	33 01.0	32 51.0	32 41.0	32 32.0	32 23.0	32 15.0	32 08.0	32 03.0	31 58.0	31 54.0	31 51.0
91	33 47.0	33 39.0	33 28.0	33 17.0	33 07.0	32 57.0	32 47.9	32 38.9	32 30.9	32 23.8	32 18.8	32 15.8	32 09.7	32 06.7
92	34 02.0	33 54.0	33 43.0	33 32.0	33 22.0	33 12.0	33 02.8	32 53.8	32 45.8	32 38.7	32 33.5	32 28.6	32 24.5	32 21.5
93	34 18.0	34 10.0	33 59.0	33 47.9	33 37.9	33 28.0	33 18.7	33 09.6	33 01.6	32 54.6	32 49.3	32 44.3	32 40.3	32 37.2
94	34 34.0	34 26.0	34 15.0	34 03.9	33 53.9	33 44.0	33 34.6	33 25.5	33 17.5	33 10.5	33 05.1	33 00.1	32 56.1	32 53.0
95	34 49.0	34 41.0	34 30.0	34 18.9	34 08.9	33 59.0	33 49.5	33 40.4	33 32.4	33 25.4	33 19.9	33 14.9	33 10.9	33 07.8
96	35 05.0	34 57.0	34 46.0	34 35.0	34 25.0	34 15.0	34 05.4	33 56.3	33 48.3	33 41.3	33 35.7	33 30.7	33 26.7	33 23.6
97	35 20.0	35 12.0	35 01.0	34 50.0	34 40.0	34 30.0	34 20.3	34 11.2	34 03.2	33 56.2	33 50.5	33 45.5	33 41.5	33 38.5
98	35 36.0	35 28.0	35 17.0	35 06.0	34 56.0	34 46.0	34 36.2	34 27.2	34 19.2	34 12.1	34 06.4	34 01.4	33 57.3	33 54.3
99	35 52.0	35 44.0	35 33.0	35 22.0	35 12.0	35 02.0	34 52.1	34 43.1	34 35.1	34 28.1	34 22.2	34 17.2	34 13.2	34 10.2
100	36 07.0	35 59.0	35 48.0	35 37.0	35 27.0	35 17.0	35 07.0	34 58.0	34 50.0	34 43.0	34 37.0	34 32.0	34 28.0	34 25.0
101	36 23.0	36 15.0	36 04.0	35 53.0	35 43.0	35 33.0	35 22.9	35 13.9	35 05.9	34 59.0	34 52.8	34 47.8	34 43.9	34 40.9
102	36 38.0	36 30.0	36 19.0	36 08.0	35 58.0	35 48.0	35 37.8	35 28.9	35 20.9	35 13.9	35 07.7	35 02.7	34 58.7	34 55.7
103	36 54.0	36 46.0	36 35.0	36 24.1	36 14.1	36 04.0	35 53.7	35 44.8	35 36.8	35 29.9	35 23.5	35 18.5	35 14.5	35 11.6
104	37 09.0	37 01.0	36 50.0	36 39.1	36 29.1	36 19.0	36 08.7	35 59.7	35 51.7	35 44.8	35 38.4	35 33.3	35 29.4	35 26.4
105	37 25.0	37 17.0	37 05.9	36 55.1	36 45.1	36 35.0	36 24.6	36 15.6	36 07.6	36 00.8	35 54.2	35 49.1	35 45.2	35 42.3
106	37 40.0	37 32.0	37 20.9	37 10.1	37 00.1	36 50.0	36 39.5	36 30.6	36 22.6	36 15.7	36 09.1	36 04.0	36 00.0	35 57.1
107	37 56.0	37 48.0	37 36.9	37 26.1	37 16.1	37 05.9	36 55.4	36 46.5	36 38.5	36 31.7	36 24.9	36 19.8	36 15.9	36 12.9
108	38 11.0	38 03.0	37 51.4	37 40.7	37 30.9	37 20.0	37 10.8	37 01.2	36 53.5	36 46.7	36 40.1	36 34.7	36 30.1	36 26.7
109	38 26.0	38 18.0	38 06.4	37 55.6	37 45.9	37 34.9	37 25.7	37 16.1	37 08.4	37 01.6	36 54.9	36 49.5	36 44.8	36 41.4
110	38 42.0	38 34.0	38 22.3	38 11.6	38 01.8	37 50.8	37 41.7	37 32.0	37 24.3	37 17.5	37 10.8	37 05.3	37 00.6	36 57.1
111	38 57.0	38 49.0	38 37.3	38 26.5	38 16.8	38 05.7	37 56.6	37 46.9	37 39.2	37 32.4	37 25.6	37 20.1	37 15.3	37 11.8
112	39 12.0	39 04.0	38 52.2	38 41.5	38 31.7	38 20.6	38 11.6	38 01.8	37 54.0	37 47.3	37 40.4	37 34.9	37 30.1	37 26.5
113	39 28.0	39 20.0	39 08.2	38 57.4	38 47.6	38 36.5	38 27.5	38 17.7	38 09.9	38 03.1	37 56.3	37 50.7	37 45.8	37 42.2
114	39 43.0	39 35.0	39 23.2	39 12.4	39 02.6	38 51.5	38 42.5	38 32.6	38 24.8	38 18.0	38 11.1	38 05.5	38 00.6	37 56.9
115	39 58.0	39 50.0	39 38.1	39 27.3	39 17.5	39 06.4	38 57.4	38 47.5	38 39.7	38 32.9	38 25.9	38 20.2	38 15.3	38 11.5
116	40 13.0	40 05.0	39 53.1	39 42.2	39 32.4	39 21.3	39 12.3	39 02.4	38 54.6	38 47.7	38 40.8	38 35.0	38 30.0	38 26.2
117	40 28.0	40 20.0	40 08.1	39 57.2	39 47.3	39 36.2	39 27.2	39 17.3	39 09.4	39 02.5	38 55.6	38 49.7	38 44.8	38 40.9
118	40 43.0	40 35.0	40 23.0	40 12.1	40 02.2	39 51.1	39 42.2	39 32.2	39 24.3	39 17.4	39 10.4	39 04.5	38 59.5	38 55.6
119	40 58.0	40 50.0	40 38.0	40 27.1	40 17.1	40 06.1	39 57.1	39 47.1	39 39.1	39 32.2	39 25.2	39 19.3	39 14.3	39 10.3
120	41 13.0	41 05.0	40 53.0	40 42.0	40 32.0	40 21.0	40 12.0	40 02.0	39 54.0	39 47.0	39 40.0	39 34.0	39 29.0	39 25.0
121	41 28.0	41 20.0	41 08.0	40 57.0	40 46.9	40 35.9	40 26.9	40 16.9	40 08.9	40 01.8	39 54.8	39 48.8	39 43.8	39 39.7
122	41 43.0	41 35.0	41 23.0	41 11.9	41 01.8	40 50.9	40 41.8	40 31.8	40 23.7	40 16.6	40 09.6	40 03.5	39 58.5	39 54.4
123	41 58.0	41 50.0	41 38.0	41 26.8	41 16.7	41 05.8	40 56.7	40 46.7	40 38.6	40 31.4	40 24.4	40 18.2	40 13.2	40 09.1
124	42 13.0	42 05.0	41 53.0	41 41.8	41 31.6	41 20.8	41 11.7	41 01.6	40 53.4	40 46.2	40 39.2	40 33.0	40 28.0	40 23.8
125	42 28.0	42 20.0	42 08.0	41 56.7	41 46.5	41 35.7	41 26.6	41 16.5	41 08.3	41 01.0	40 54.0	40 47.7	40 42.7	40 38.5
126	42 43.0	42 35.0	42 22.9	42 11.7	42 01.4	41 50.6	41 41.5	41 31.4	41 23.1	41 15.8	41 08.8	41 02.5	40 57.5	40 53.2
127	42 57.0	42 49.0	42 36.9	42 25.6	42 15.3	42 04.6	41 55.4	41 45.3	41 37.0	41 29.6	41 22.6	41 16.2	41 11.2	41 06.9
128	43 12.0	43 04.0	42 51.9	42 40.6	42 30.2	42 19.5	42 10.3	42 00.2	41 51.8	41 44.4	41 37.4	41 31.0	41 26.0	41 21.6
129	43 27.0	43 19.0	43 06.9	42 55.5	42 45.1	42 34.5	42 25.2	42 15.1	42 06.7	41 59.2	41 52.2	41 45.7	41 40.7	41 36.2

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
130	43 41.0	43 33.0	43 20.9	43 09.4	42 58.9	42 48.4	42 39.1	42 29.0	42 20.5	42 13.0	42 06.0	41 59.4	41 54.4	41 54.4	41 49.9
131	43 56.0	43 48.0	43 35.9	43 24.4	43 13.8	43 03.4	42 54.0	42 43.9	42 35.4	42 27.8	42 20.8	42 14.2	42 09.2	42 09.2	42 04.6
132	44 10.0	44 02.0	43 50.0	43 38.3	43 27.7	43 17.4	43 07.9	42 57.8	42 49.2	42 41.6	42 34.6	42 27.9	42 22.9	42 22.9	42 18.3
133	44 25.0	44 17.0	44 05.0	43 53.3	43 42.6	43 32.3	43 22.8	43 12.7	43 04.0	42 56.4	42 49.4	42 42.7	42 37.7	42 37.7	42 33.0
134	44 39.0	44 31.0	44 19.0	44 07.2	43 56.5	43 46.2	43 36.7	43 26.6	43 17.9	43 10.2	43 03.2	42 56.4	42 51.4	42 51.4	42 46.7
135	44 54.0	44 46.0	44 34.0	44 22.2	44 11.4	44 01.2	43 51.5	43 41.5	43 32.7	43 25.0	43 18.0	43 11.2	43 06.2	43 06.2	43 01.5
136	45 08.0	45 00.0	44 48.0	44 36.2	44 25.3	44 15.2	44 05.4	43 55.4	43 46.6	43 38.8	43 31.8	43 24.9	43 20.0	43 20.0	43 15.2
137	45 22.0	45 14.0	45 02.0	44 50.1	44 39.3	44 29.1	44 19.3	44 09.3	44 00.4	43 52.6	43 45.6	43 38.7	43 33.7	43 33.7	43 28.9
138	45 37.0	45 29.0	45 17.0	45 05.0	44 54.1	44 44.1	44 34.2	44 24.2	44 15.2	44 07.3	44 00.3	43 53.4	43 48.4	43 48.4	43 43.5
139	45 51.0	45 43.0	45 31.0	45 19.0	45 08.0	44 58.1	44 48.1	44 38.1	44 29.1	44 21.1	44 14.2	44 07.2	44 02.2	44 02.2	43 57.3
140	46 05.0	45 57.0	45 45.0	45 33.0	45 22.0	45 12.0	45 02.0	44 52.0	44 43.0	44 35.0	44 28.0	44 21.0	44 16.0	44 16.0	44 11.0
141	46 19.0	46 11.0	45 59.0	45 47.0	45 36.0	45 26.0	45 15.9	45 05.9	44 56.9	44 48.9	44 41.8	44 34.8	44 29.8	44 29.8	44 24.7
142	46 34.0	46 26.0	46 14.0	46 02.0	45 51.0	45 40.9	45 30.8	45 20.8	45 11.8	45 03.8	44 56.7	44 49.7	44 44.6	44 44.6	44 39.5
143	46 48.0	46 40.0	46 28.0	46 16.0	46 05.0	45 54.9	45 44.7	45 34.7	45 25.7	45 17.7	45 10.5	45 03.5	44 58.4	44 58.4	44 53.2
144	47 02.0	46 54.0	46 42.0	46 30.0	46 18.0	46 08.8	45 58.6	45 48.6	45 39.6	45 31.5	45 24.4	45 17.3	45 12.2	45 12.2	45 07.0
145	47 16.0	47 08.0	46 56.0	46 44.0	46 32.9	46 22.8	46 12.5	46 02.5	45 53.5	45 45.4	45 38.2	45 31.2	45 26.0	45 26.0	45 20.7
146	47 30.0	47 22.0	47 10.1	46 58.0	46 46.9	46 36.7	46 26.4	46 16.4	46 07.3	45 59.3	45 52.0	45 45.0	45 39.8	45 39.8	45 34.4
147	47 44.0	47 36.0	47 24.1	47 12.0	47 00.3	46 50.3	46 40.3	46 30.3	46 21.2	46 13.2	46 05.9	45 58.9	45 53.6	45 53.6	45 48.2
148	47 58.0	47 50.0	47 38.1	47 26.0	47 14.9	47 04.6	46 54.2	46 44.2	46 35.1	46 27.1	46 19.7	46 12.7	46 07.4	46 07.4	46 01.9
149	48 12.0	48 04.0	47 52.1	47 40.0	47 28.9	47 18.6	47 08.0	46 58.1	46 49.0	46 41.0	46 33.6	46 26.6	46 21.2	46 21.2	46 15.7
150	48 26.0	48 18.0	48 06.1	47 54.0	47 42.9	47 32.5	47 21.9	47 12.0	47 02.9	46 54.9	46 47.4	46 40.4	46 35.0	46 35.0	46 29.4
151	48 40.0	48 32.0	48 20.1	48 08.0	47 57.0	47 46.5	47 35.8	47 25.9	47 16.8	47 08.9	47 01.3	46 54.3	46 48.8	46 48.8	46 43.2
152	48 53.0	48 45.0	48 33.1	48 21.0	48 10.0	47 59.4	47 48.7	47 38.8	47 29.8	47 21.8	47 14.2	47 07.2	47 01.6	47 01.6	46 56.0
153	49 07.0	48 59.0	48 47.1	48 35.0	48 24.0	48 13.4	48 02.6	47 52.7	47 43.7	47 35.7	47 28.0	47 21.0	47 15.4	47 15.4	47 09.7
154	49 21.0	49 13.0	49 01.1	48 09.0	48 38.0	48 27.3	48 16.5	48 06.6	47 57.6	47 49.6	47 41.9	47 34.9	47 29.2	47 29.2	47 23.5
155	49 35.0	49 27.0	49 15.1	49 03.0	48 52.0	48 41.3	48 30.5	48 20.5	48 11.5	48 03.5	47 55.7	47 48.7	47 43.0	47 43.0	47 37.2
156	49 49.0	49 41.0	49 29.1	49 17.0	49 06.0	48 55.2	48 44.4	48 34.4	48 25.4	48 17.4	48 09.6	48 02.6	47 56.8	47 56.8	47 51.0
157	50 02.0	49 54.0	49 42.0	49 30.0	49 19.0	49 08.2	48 57.3	48 47.3	48 38.3	48 30.3	48 22.4	48 15.4	48 09.6	48 09.6	48 03.7
158	50 16.0	50 08.0	49 56.0	49 44.0	49 33.0	49 22.1	49 11.2	49 01.2	48 52.2	48 44.2	48 36.3	48 29.3	48 23.4	48 23.4	48 17.5
159	50 29.0	50 21.0	50 09.0	49 57.0	49 46.0	49 35.1	49 24.1	49 14.1	49 05.1	48 57.1	48 49.2	48 42.2	48 36.2	48 36.2	48 30.3
160	50 43.0	50 35.0	50 23.0	50 11.0	50 00.0	49 49.0	49 38.0	49 28.0	49 19.0	49 11.0	49 03.0	48 56.0	48 50.0	48 50.0	48 44.0
161	50 57.0	50 49.0	50 37.0	50 25.0	50 14.0	50 03.0	49 51.9	49 41.9	49 32.9	49 24.9	49 16.9	49 09.9	49 03.8	49 03.8	48 57.8
162	51 10.0	51 02.0	50 50.0	50 38.0	50 27.0	50 15.9	50 04.8	49 54.8	49 45.8	49 37.8	49 29.7	49 22.7	49 16.6	49 16.6	49 10.5
163	51 24.0	51 16.0	51 03.9	50 52.0	50 41.0	50 29.9	50 18.8	50 08.7	49 59.7	49 51.7	49 43.6	49 36.5	49 30.4	49 30.4	49 24.3
164	51 37.0	51 29.0	51 16.9	51 05.0	50 54.0	50 42.8	50 31.7	50 21.6	50 12.6	50 04.6	49 56.4	49 49.4	49 43.2	49 43.2	49 37.0
165	51 50.0	51 42.0	51 29.9	51 17.9	51 07.0	50 55.8	50 44.6	50 34.5	50 25.5	50 17.5	50 09.3	50 02.2	49 55.9	49 55.9	49 49.8
166	52 04.0	51 56.0	51 43.0	51 31.9	51 21.0	51 09.7	50 58.6	50 48.4	50 39.5	50 31.4	50 23.2	50 16.1	50 09.7	50 09.7	50 03.6
167	52 17.0	52 09.0	51 56.8	51 44.9	51 33.9	51 22.7	51 11.5	51 01.3	50 52.4	50 44.2	50 36.0	50 28.9	50 22.5	50 22.5	50 16.3
168	52 31.0	52 23.1	52 10.6	51 58.6	51 47.7	51 36.7	51 25.6	51 15.2	51 06.2	50 57.9	50 49.8	50 42.4	50 36.0	50 36.0	50 30.0
169	52 44.0	52 36.1	52 23.6	52 11.6	52 00.6	51 49.6	51 38.6	51 28.0	51 19.1	51 10.7	51 02.7	50 55.2	50 48.8	50 48.8	50 42.9

Depth  $h =$

$\Delta$	Surface											
	m	s	m	s	m	s	m	s	m	s	m	s
170	52	57.0	52	49.1	52	36.5	52	24.5	52	13.6	52	02.6
171	53	10.0	53	02.1	52	49.5	52	37.5	52	26.5	52	15.5
172	53	23.0	53	15.1	53	02.4	52	50.4	52	39.5	52	28.5
173	53	37.0	53	29.1	53	16.3	53	04.3	52	53.4	52	42.4
174	53	50.0	53	42.1	53	29.3	53	17.3	53	06.4	52	55.4
175	54	03.0	53	55.1	53	42.2	53	30.2	53	19.3	53	08.3
176	54	16.0	54	08.1	53	55.2	53	43.2	53	32.2	53	21.3
177	54	29.0	54	21.0	54	08.1	53	56.1	53	45.2	53	34.2
178	54	42.0	54	34.0	54	21.1	54	09.1	53	58.1	53	47.1
179	54	55.0	54	47.0	54	34.1	54	22.1	54	11.1	54	00.1
180	55	08.0	55	00.0	54	47.0	54	35.0	54	24.0	54	13.0
181	55	21.0	55	13.0	55	00.0	54	48.0	54	37.0	54	25.9
182	55	33.0	55	25.0	55	11.9	54	59.9	54	48.9	54	37.9
183	55	46.0	55	37.9	55	24.9	55	12.9	55	01.8	54	50.8
184	55	59.0	55	50.9	55	37.9	55	25.9	55	14.8	55	03.7
185	56	12.0	56	03.9	55	50.8	55	38.8	55	27.7	55	16.6
186	56	24.0	56	15.9	56	02.8	55	50.8	55	39.7	55	28.6
187	56	37.0	56	28.8	56	15.8	56	03.8	55	52.6	55	41.5
188	56	50.0	56	41.6	56	28.9	56	17.0	56	05.6	55	54.2
189	57	02.0	56	53.6	56	40.9	56	29.0	56	17.6	56	06.1
190	57	15.0	57	06.5	56	53.9	56	42.0	56	30.5	56	19.0
191	57	27.0	57	18.5	57	05.9	56	54.0	56	42.5	56	30.9
192	57	40.0	57	31.4	57	19.0	57	07.0	56	55.4	56	43.8
193	57	52.0	57	43.3	57	31.0	57	19.0	57	07.4	56	55.7
194	58	04.0	57	55.3	57	43.0	57	31.0	57	19.3	57	07.6
195	58	17.0	58	08.2	57	56.0	57	44.0	57	32.3	57	20.5
196	58	29.0	58	20.2	58	08.0	57	56.0	57	44.2	57	32.4
197	58	41.0	58	32.1	58	20.0	58	08.0	57	56.2	57	44.3
198	58	53.0	58	44.1	58	32.0	58	20.0	58	08.1	57	56.2
199	59	06.0	58	57.1	58	45.0	58	33.0	58	21.1	58	09.1
200	59	18.0	59	09.0	58	57.0	58	45.0	58	33.0	58	21.0
201	59	30.0	59	21.0	59	09.0	58	57.0	58	45.0	58	32.9
202	59	42.0	59	32.9	59	21.0	59	09.0	58	56.9	58	44.8
203	59	54.0	59	44.9	59	33.0	59	21.0	59	08.9	58	56.7
204	60	06.0	59	55.9	59	45.0	59	33.0	59	20.8	59	08.7
205	60	18.0	60	08.8	59	57.0	59	44.9	59	32.8	59	20.6
206	60	30.0	60	20.8	60	09.1	59	56.9	59	44.7	59	32.5
207	60	41.0	60	31.8	60	20.1	60	07.9	59	55.7	59	43.4
208	60	53.0	60	43.8	60	32.1	60	19.8	60	07.6	59	55.4
209	61	05.0	60	55.8	60	44.1	60	31.8	60	19.6	60	07.3

Depth  $h =$  $\Delta$ 

	Surface	0:00	0:01	0:02	0:03	0:04	0:05	0:06	0:07	0:08	0:09	0:10	0:11	0:12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
210	61 17.0	61 07.8	60 56.1	60 43.8	60 31.5	60 19.3	60 08.2	59 58.3	59 47.7	59 37.8	59 29.5	59 21.3	59 13.1	59 05.8
211	61 29.0	61 19.8	61 08.1	60 55.7	60 43.5	60 31.2	60 20.2	60 10.2	59 59.5	59 49.7	59 41.4	59 33.1	59 24.9	59 17.6
212	61 40.0	61 30.8	61 19.1	61 06.7	60 54.4	60 42.2	60 31.2	60 21.1	60 10.4	60 00.6	59 52.2	59 43.9	59 35.7	59 28.4
213	61 52.0	61 42.8	61 31.1	61 18.6	61 06.4	60 54.1	60 43.1	60 32.9	60 22.2	60 12.5	60 04.1	59 55.6	59 47.5	59 40.2
214	62 04.0	61 54.8	61 43.1	61 30.5	61 18.3	61 06.1	60 55.1	60 44.8	60 34.1	60 24.4	60 15.9	60 07.4	59 59.3	59 52.0
215	62 15.0	62 05.8	61 54.1	61 41.5	61 29.3	61 17.1	61 06.1	60 55.7	60 44.9	60 35.4	60 26.8	60 18.2	60 10.1	60 02.9
216	62 26.0	62 16.8	62 05.1	61 52.4	61 40.2	61 28.0	61 17.0	61 06.6	60 55.7	60 46.3	60 37.6	60 29.0	60 20.9	60 13.7
217	62 38.0	62 28.9	62 17.0	62 04.3	61 52.2	61 40.0	61 29.0	61 18.5	61 07.6	60 58.2	60 49.5	60 40.8	60 32.6	60 25.5
218	62 49.0	62 39.9	62 28.0	62 15.2	62 03.1	61 51.0	61 40.0	61 29.3	61 18.4	61 09.1	61 00.3	60 51.5	60 43.4	60 36.3
219	63 01.0	62 52.0	62 40.0	62 27.1	62 15.1	62 03.0	61 52.0	61 41.2	61 30.2	61 21.1	61 12.2	61 03.3	60 55.2	60 48.2
220	63 12.0	63 03.0	62 51.0	62 38.0	62 26.0	62 14.0	62 03.0	61 52.0	61 41.0	61 32.0	61 23.0	61 14.0	61 06.0	60 59.0

TIMES OF      S.S.P.      BRANCH

Δ	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
90	30 03.0	29 55.0	29 43.0	29 32.0	29 21.0	29 10.0	29 00.0	28 51.0	28 42.0	28 35.0	28 27.0	28 20.0	28 15.0	28 10.0
91	30 17.0	30 09.0	29 57.0	29 45.8	29 34.8	29 24.1	29 14.1	29 04.9	28 55.9	28 48.7	28 41.0	28 34.0	28 28.8	28 23.8
92	30 31.0	30 23.0	30 11.0	29 59.7	29 48.7	29 38.2	29 28.1	29 18.8	29 09.8	29 02.4	28 54.9	28 47.9	28 42.6	28 37.6
93	30 46.0	30 38.0	30 26.0	30 14.5	30 03.5	29 53.2	29 43.2	29 33.7	29 24.7	29 17.2	29 09.9	29 02.9	28 57.4	28 52.3
94	31 00.0	30 52.0	30 40.0	30 28.4	30 17.4	30 07.3	29 57.2	29 47.6	29 38.6	29 31.0	29 23.8	29 16.8	29 11.2	29 06.1
95	31 14.0	31 06.0	30 54.0	30 42.3	30 31.3	30 21.3	30 11.2	30 01.5	29 52.5	29 44.8	29 37.7	29 30.7	29 25.0	29 19.9
96	31 28.0	31 20.0	31 08.0	30 56.2	30 45.2	30 35.2	30 25.2	30 15.4	30 06.4	29 58.6	29 51.6	29 44.6	29 38.8	29 33.8
97	31 42.0	31 35.0	31 23.0	31 11.2	31 00.2	30 50.2	30 40.2	30 30.3	30 21.3	30 13.4	30 06.5	29 59.5	29 53.6	29 48.6
98	31 57.0	31 49.0	31 37.0	31 25.1	31 14.1	31 04.2	30 54.1	30 44.2	30 35.2	30 27.3	30 20.3	30 13.3	30 07.4	30 02.4
99	32 11.0	32 03.0	31 51.0	31 39.0	31 28.0	31 18.1	31 08.1	30 58.1	30 49.1	30 41.1	30 34.2	30 27.2	30 21.2	30 16.2
100	32 25.0	32 17.0	32 05.0	31 53.0	31 42.0	31 32.0	31 22.0	31 12.0	31 03.0	30 55.0	30 48.0	30 41.0	30 35.0	30 30.0
101	32 39.0	32 31.0	32 19.0	32 07.0	31 56.0	31 45.9	31 35.9	31 25.9	31 16.9	31 08.9	31 01.8	30 54.8	30 48.8	30 43.8
102	32 53.0	32 45.0	32 33.0	32 21.0	32 10.0	31 59.8	31 49.8	31 39.8	31 30.8	31 22.8	31 15.7	31 08.7	31 02.6	30 57.6
103	33 08.0	33 00.0	32 48.0	32 35.9	32 24.9	32 14.7	32 04.8	31 54.7	31 45.7	31 37.7	31 30.5	31 23.5	31 17.4	31 12.5
104	33 22.0	33 14.0	33 02.0	32 49.9	32 38.9	32 28.6	32 18.7	32 08.6	31 59.6	31 51.6	31 44.3	31 37.3	31 31.2	31 26.3
105	33 36.0	33 28.0	33 16.0	33 03.9	32 52.9	32 42.5	32 32.6	32 22.5	32 13.5	32 05.5	31 58.1	31 51.1	31 45.0	31 40.1
106	33 50.0	33 42.0	33 30.0	33 18.0	33 07.0	32 56.4	32 46.5	32 36.4	32 27.4	32 19.4	32 11.9	32 04.9	31 58.8	31 53.9
107	34 04.0	33 56.0	33 44.0	33 32.0	33 21.0	33 10.3	33 00.4	32 50.3	32 41.3	32 33.3	32 25.7	32 18.7	32 12.6	32 07.7
108	34 18.0	34 10.0	33 58.0	33 46.0	33 35.0	33 24.2	33 14.2	33 04.2	32 55.2	32 47.2	32 39.4	32 32.4	32 26.4	32 21.5
109	34 31.0	34 23.0	34 11.0	33 59.0	33 48.0	33 37.1	33 27.1	33 17.1	33 08.1	33 00.1	32 52.2	32 45.2	32 39.2	32 34.2
110	34 45.0	34 37.0	34 25.0	34 13.0	34 02.0	33 51.0	33 41.0	33 31.0	33 22.0	33 14.0	33 06.0	32 59.0	32 53.0	32 48.0
111	34 59.0	34 51.0	34 39.0	34 27.0	34 16.0	34 05.0	33 54.9	33 44.9	33 35.9	33 27.8	33 19.8	33 12.8	33 06.8	33 01.7
112	35 13.0	35 05.0	34 53.0	34 41.0	34 30.0	34 19.0	34 08.8	33 58.8	33 49.8	33 41.6	33 33.6	33 26.6	33 20.6	33 15.4
113	35 27.0	35 19.0	35 07.1	34 55.1	34 44.1	34 33.0	34 22.7	34 12.7	34 03.7	33 55.4	33 47.4	33 40.4	33 34.4	33 29.1
114	35 40.0	35 32.0	35 20.1	35 08.1	34 57.1	34 46.0	34 35.6	34 25.6	34 16.6	34 08.2	34 00.2	33 53.2	33 47.2	33 41.8
115	35 54.0	35 46.0	35 34.1	35 22.1	35 11.1	35 00.0	34 49.5	34 39.5	34 30.5	34 22.0	34 13.9	34 07.0	34 01.0	33 55.5
116	36 08.0	36 00.0	35 48.1	35 36.1	35 25.1	35 14.0	35 03.4	34 53.4	34 44.4	34 35.8	34 27.7	34 20.8	34 14.8	34 09.2
117	36 21.0	36 13.0	36 01.1	35 49.1	35 38.1	35 27.0	35 16.3	35 06.3	34 57.3	34 48.6	34 40.5	34 33.6	34 27.6	34 21.9
118	36 35.0	36 27.0	36 15.1	36 03.1	35 52.1	35 41.0	35 30.2	35 20.2	35 11.2	35 02.4	34 54.4	34 47.4	34 41.4	34 35.6
119	36 49.0	36 41.0	36 29.0	36 17.0	36 06.0	35 55.0	35 44.1	35 34.1	35 25.1	35 16.2	35 08.2	35 01.2	34 55.2	34 49.3
120	37 02.0	36 54.0	36 42.0	36 30.0	36 19.0	36 08.0	35 57.0	35 47.0	35 38.0	35 29.0	35 21.0	35 14.0	35 08.0	35 02.0
121	37 16.0	37 08.0	36 55.9	36 43.9	36 32.9	36 21.9	36 10.9	36 00.9	35 51.9	35 42.9	35 34.9	35 27.8	35 21.8	35 15.8
122	37 29.0	37 21.0	37 08.8	36 56.8	36 45.8	36 34.9	36 23.8	36 13.8	36 04.8	35 55.8	35 47.8	35 40.6	35 34.6	35 28.6
123	37 42.0	37 34.0	37 21.7	37 09.7	36 58.7	36 47.8	36 36.7	36 26.7	36 17.8	36 08.7	36 00.7	35 53.4	35 47.5	35 41.4
124	37 56.0	37 48.0	37 35.6	37 23.6	37 12.6	37 01.7	36 50.6	36 40.6	36 31.7	36 22.6	36 14.6	36 07.2	36 01.3	35 55.2
125	38 09.0	38 01.0	37 48.5	37 36.5	37 25.5	37 14.6	37 03.5	36 53.5	36 44.5	36 35.5	36 27.5	36 20.0	36 14.1	36 08.0
126	38 22.0	38 14.0	38 01.7	37 49.4	37 38.4	37 27.5	37 16.4	37 06.4	36 57.5	36 48.4	36 40.4	36 32.8	36 26.9	36 20.8
127	38 36.0	38 28.0	38 15.3	38 03.3	37 52.3	37 41.4	37 30.3	37 20.3	37 11.4	37 02.3	36 54.3	36 46.6	36 40.7	36 34.6
128	38 49.0	38 41.0	38 28.2	38 16.2	38 05.2	37 54.2	37 43.2	37 33.2	37 24.3	37 15.2	37 07.2	36 59.4	36 53.5	36 47.4
129	39 02.0	38 54.0	38 41.1	38 29.1	38 18.1	38 07.1	37 56.1	37 46.1	37 37.1	37 28.1	37 20.1	37 12.2	37 06.2	37 00.2
130	39 15.0	39 07.0	38 54.0	38 42.0	38 31.0	38 20.0	38 09.0	37 59.0	37 50.0	37 41.0	37 33.0	37 25.0	37 19.0	37 13.0

Depth  $h =$ 

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
131	39 28.0	39 20.0	39 07.0	38 55.0	38 44.0	38 32.9	38 21.9	38 11.9	38 02.8	37 53.8	37 45.8	37 37.8	37 31.7	37 25.7
132	39 41.0	39 33.0	39 20.0	39 08.0	38 57.0	38 45.8	38 34.8	38 24.8	38 15.6	38 06.6	37 58.7	37 50.6	37 44.4	37 38.5
133	39 54.0	39 46.0	39 32.9	39 20.9	39 10.0	38 58.7	38 47.7	38 37.7	38 28.4	38 19.4	38 11.5	38 03.4	37 57.1	37 51.2
134	40 07.0	39 59.0	39 45.9	39 33.9	39 23.0	39 11.6	39 00.6	38 50.6	38 41.2	38 32.2	38 24.3	38 16.2	38 09.8	38 03.9
135	40 20.0	40 12.0	39 58.9	39 46.9	39 36.0	39 24.4	39 13.5	39 03.5	38 54.0	38 45.0	38 37.1	38 29.0	38 22.5	38 16.6
136	40 33.0	40 25.0	40 12.0	40 00.0	39 49.0	39 37.3	39 26.4	39 16.4	39 06.8	38 57.8	38 49.9	38 41.8	38 35.2	38 29.3
137	40 46.0	40 38.0	40 25.0	40 13.0	40 02.0	39 50.2	39 39.3	39 29.3	39 19.6	39 10.6	39 02.7	38 54.6	38 47.9	38 42.0
138	40 59.0	40 51.0	40 38.0	40 26.0	40 15.0	40 03.2	39 52.2	39 42.2	39 32.4	39 23.4	39 15.4	39 07.4	39 00.6	38 54.6
139	41 12.0	41 04.0	40 51.0	40 39.0	40 28.0	40 16.1	40 05.1	39 55.1	39 45.2	39 36.2	39 28.2	39 20.2	39 13.3	39 07.3
140	41 24.0	41 16.0	41 03.0	40 51.0	40 40.0	40 28.0	40 17.0	40 07.0	39 57.0	39 48.0	39 40.0	39 32.0	39 25.0	39 19.0
141	41 37.0	41 29.0	41 16.0	41 04.0	40 52.9	40 41.0	40 29.9	40 18.9	40 09.9	40 00.9	39 52.8	39 44.8	39 37.8	39 31.7
142	41 50.0	41 42.0	41 29.0	41 17.0	41 05.8	40 54.0	40 42.8	40 32.6	40 22.8	40 13.8	40 05.6	39 57.6	39 50.6	39 44.4
143	42 02.0	41 54.1	41 41.0	41 29.0	41 17.7	41 06.0	40 54.7	40 44.7	40 34.6	40 25.7	40 17.4	40 09.4	40 02.4	39 56.1
144	42 15.0	42 07.1	41 54.0	41 42.0	41 30.5	41 19.0	41 07.6	40 57.6	40 47.5	40 38.6	40 30.2	40 22.2	40 15.2	40 08.8
145	42 27.0	42 19.1	42 06.0	41 54.0	41 42.5	41 31.0	41 19.4	41 09.5	40 59.4	40 50.5	40 42.0	40 34.0	40 27.0	40 20.5
146	42 40.0	42 32.1	42 19.0	42 07.0	41 55.4	41 44.0	41 32.3	41 22.4	41 12.4	41 03.4	40 54.5	40 46.8	40 39.8	40 33.2
147	42 52.0	42 44.1	42 31.0	42 19.0	42 07.3	41 56.0	41 44.2	41 34.2	41 24.3	41 15.3	41 06.6	40 58.6	40 51.6	40 44.9
148	43 04.0	42 56.1	42 43.0	42 31.0	42 19.2	42 08.0	41 56.2	41 46.2	41 36.2	41 27.2	41 18.4	41 10.4	41 03.4	40 56.6
149	43 17.0	43 09.0	42 56.0	42 44.0	42 32.1	42 21.0	42 09.1	41 59.1	41 49.1	41 40.1	41 31.2	41 23.2	41 16.2	41 09.3
150	43 29.0	43 21.0	43 08.0	42 56.0	42 44.0	42 33.0	42 21.0	42 11.0	42 01.0	41 52.0	41 43.0	41 35.0	41 28.0	41 21.0
151	43 41.0	43 32.9	43 20.0	43 08.0	42 56.0	42 44.9	42 33.0	42 22.9	42 12.9	42 03.8	41 54.8	41 46.8	41 39.7	41 32.7
152	43 53.0	43 44.8	43 32.0	43 20.0	43 08.0	42 56.9	42 45.0	42 34.8	42 24.8	42 15.7	42 06.6	41 58.6	41 51.5	41 44.4
153	44 05.0	43 56.7	43 44.0	43 32.1	43 20.0	43 08.8	42 57.0	42 46.8	42 36.8	42 27.5	42 18.4	42 10.3	42 03.2	41 56.2
154	44 17.0	44 08.6	43 56.0	43 44.1	43 32.0	43 20.7	43 09.0	42 58.7	42 48.7	42 39.3	42 30.2	42 22.3	42 14.9	42 07.9
155	44 29.0	44 20.5	44 08.0	43 56.1	43 44.0	43 32.6	43 21.0	43 10.6	43 00.6	42 51.1	42 42.0	42 34.1	42 26.6	42 19.6
156	44 41.0	44 32.4	44 20.0	44 08.1	43 56.0	43 44.5	43 33.0	43 22.5	43 12.5	43 02.9	42 53.8	42 45.9	42 38.3	42 31.3
157	44 53.0	44 44.3	44 32.0	44 20.1	44 08.0	43 56.4	43 45.0	43 34.4	43 24.4	43 14.7	43 05.6	42 57.7	42 50.0	42 43.0
158	45 05.0	44 56.2	44 44.0	44 32.1	44 20.0	44 08.2	43 57.0	43 46.3	43 36.3	43 26.4	43 17.4	43 09.5	43 01.6	42 54.7
159	45 17.0	45 08.1	44 56.0	44 44.0	44 32.0	44 20.1	44 09.0	43 58.1	43 48.1	43 38.2	43 29.2	43 21.2	43 13.3	43 06.3
160	45 29.0	45 20.0	45 08.0	44 56.0	44 44.0	44 32.0	44 21.0	44 10.0	44 00.0	43 50.0	43 41.0	43 33.0	43 25.0	43 18.0
161	45 41.0	45 32.0	45 20.0	45 07.9	44 55.9	44 43.9	44 33.0	44 21.8	44 11.8	44 01.8	43 52.8	43 44.7	43 36.7	43 29.6
162	45 53.0	45 44.0	45 32.0	45 19.9	45 07.9	44 55.8	44 44.9	44 33.6	44 23.7	44 13.6	44 04.6	43 56.4	43 48.4	43 41.2
163	46 04.0	45 54.9	45 43.1	45 30.8	45 18.8	45 06.7	44 55.8	44 44.4	44 34.5	44 24.4	44 15.4	44 07.1	43 59.1	43 51.8
164	46 15.0	46 05.9	45 54.1	45 41.7	45 29.7	45 17.6	45 06.7	44 55.2	44 45.3	44 35.2	44 26.2	44 17.8	44 09.8	44 02.4
165	46 27.0	46 17.9	46 06.1	45 53.6	45 41.6	45 29.5	45 18.6	45 07.6	44 57.1	44 47.0	44 38.0	44 29.5	44 21.4	44 14.0
166	46 38.0	46 29.0	46 17.1	46 04.5	45 52.5	45 40.4	45 29.5	45 17.8	45 07.9	44 57.8	44 48.8	44 40.2	44 32.1	44 24.6
167	46 49.0	46 40.0	46 28.1	46 15.4	46 03.4	45 51.3	45 40.4	45 28.5	45 18.7	45 08.6	44 59.6	44 50.9	44 42.8	44 35.2
168	47 00.0	46 51.0	46 39.1	46 26.2	46 14.2	46 02.2	45 51.3	45 39.4	45 29.4	45 19.4	45 10.4	45 01.6	44 53.6	44 45.8
169	47 11.0	47 02.0	46 50.0	46 37.1	46 25.1	46 13.1	46 02.2	45 50.2	45 40.2	45 30.2	45 21.2	45 12.3	45 04.3	44 56.4
170	47 23.0	47 14.0	47 02.0	46 49.0	46 37.0	46 25.0	46 14.0	46 02.0	45 52.0	45 42.0	45 32.0	45 24.0	45 16.0	45 08.0

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
171	47	34.0	47	25.0	47	12.9	46	59.9	46	47.9	46	35.9	46	24.8	46	12.9	45	02.8	45	52.8	45	43.8	45	34.8	45	26.8	45	18.7
172	47	44.0	47	35.0	47	22.8	47	09.8	46	57.8	46	45.8	46	34.6	46	22.8	46	12.6	46	02.6	45	53.6	45	44.5	45	36.6	45	28.3
173	47	55.0	47	46.0	47	33.8	47	20.7	47	08.7	46	56.7	46	45.4	46	33.6	46	23.4	46	13.4	46	04.4	45	55.3	45	47.3	45	39.0
174	48	06.0	47	57.0	47	44.7	47	31.6	47	19.6	47	07.6	46	56.2	46	44.5	46	34.2	46	24.2	46	15.2	46	06.1	45	58.1	45	49.7
175	48	16.0	48	08.0	47	55.6	47	42.5	47	30.5	47	18.5	47	07.0	46	55.4	46	45.0	46	35.0	46	26.0	46	16.9	46	08.9	46	00.4
176	48	26.0	48	19.0	48	06.4	47	53.4	47	41.4	47	29.4	47	17.8	47	06.3	46	55.8	46	45.8	46	36.8	46	27.7	46	19.7	46	11.1
177	48	36.0	48	29.0	48	16.3	48	03.3	47	51.3	47	39.3	47	27.6	47	16.2	47	05.6	46	55.6	46	46.6	46	37.5	46	29.5	46	20.8
178	48	46.0	48	40.0	48	27.2	48	14.2	48	02.2	47	50.2	47	38.4	47	27.2	47	16.4	46	57.4	46	48.4	46	39.4	46	31.4	46	22.8
179	49	00.0	48	51.0	48	38.1	48	25.1	48	13.1	48	01.1	47	49.2	47	38.1	47	27.2	47	17.2	47	08.2	46	59.2	46	51.2	46	42.3
180	49	10.0	49	01.0	48	48.0	48	35.0	48	23.0	48	11.0	47	49.0	47	48.0	47	37.0	47	27.0	47	18.0	47	09.0	47	01.0	46	52.0
181	49	20.0	49	11.0	48	58.0	48	45.0	48	32.9	48	20.9	48	08.9	47	57.9	47	46.9	47	36.9	47	27.8	47	18.8	47	10.8	47	01.7
182	49	31.0	49	22.0	49	08.9	48	55.9	48	43.9	48	31.9	48	19.9	48	08.8	47	57.7	47	47.7	47	38.7	47	29.7	47	21.6	47	12.5
183	49	41.0	49	32.0	49	18.9	49	05.9	49	34.5	49	22.6	49	10.4	48	59.3	48	48.1	48	38.1	48	28.8	48	19.8	48	11.6	48	02.3
184	49	52.0	49	43.0	49	29.8	49	16.9	49	44.5	49	32.5	49	20.3	49	09.2	48	58.0	48	48.0	48	38.7	48	29.7	48	21.4	48	12.1
185	50	02.0	49	53.0	49	39.8	49	26.9	49	14.6	49	02.7	48	50.5	48	39.5	48	28.3	48	18.3	48	09.3	47	50.3	47	42.2	47	33.0
186	50	12.0	50	03.0	49	49.8	49	36.9	49	24.6	49	12.6	49	00.4	48	49.4	48	38.2	48	28.2	48	19.0	48	10.0	47	52.0	47	42.8
187	50	22.0	50	13.0	49	59.8	49	46.8	49	34.5	49	22.6	49	10.4	48	59.3	48	48.1	48	38.1	48	28.8	48	19.8	48	11.6	48	02.3
188	50	32.0	50	23.0	50	09.8	49	56.8	49	44.5	49	32.5	49	20.3	49	09.2	48	58.0	48	48.0	48	38.7	48	29.7	48	21.4	48	12.1
189	50	42.0	50	33.0	50	19.8	50	06.9	49	54.4	49	42.4	49	30.2	49	19.1	49	07.9	48	57.9	48	48.5	48	39.5	48	31.2	48	21.9
190	50	52.0	50	43.0	50	29.8	50	16.9	50	04.4	49	52.4	49	40.2	49	29.0	49	17.8	49	07.8	48	58.4	48	49.4	48	41.0	48	31.7
191	51	02.0	50	53.0	50	39.8	50	26.9	50	14.3	50	02.4	49	50.2	49	38.9	49	27.7	49	17.7	49	08.2	48	59.2	48	50.8	48	41.5
192	51	12.0	51	03.0	50	49.8	50	36.9	50	24.3	50	12.3	50	00.1	49	48.8	49	37.6	49	27.6	49	18.1	49	09.1	49	00.6	48	51.3
193	51	22.0	51	13.0	50	59.8	50	46.9	50	34.2	50	22.2	50	10.1	49	58.7	49	47.5	49	37.5	49	27.9	49	18.9	49	10.4	49	01.1
194	51	32.0	51	23.0	51	09.9	50	56.9	50	44.2	50	32.2	50	20.1	50	08.6	49	57.4	49	47.5	49	37.8	49	28.8	49	20.2	49	11.0
195	51	41.0	51	32.0	51	18.9	51	05.9	50	53.1	50	41.2	50	29.1	50	17.5	50	06.3	49	56.4	49	46.6	49	37.6	49	29.0	49	19.8
196	51	51.0	51	42.0	51	28.9	51	15.9	51	03.1	50	51.2	50	39.1	50	27.4	50	16.3	50	06.3	49	56.5	49	47.5	49	38.8	49	29.6
197	52	01.0	51	52.0	51	38.9	51	26.0	51	13.1	51	01.1	50	49.0	50	37.3	50	26.2	50	16.2	50	06.4	49	57.4	49	48.6	49	39.5
198	52	10.0	52	01.0	51	48.0	51	35.0	51	22.1	51	10.1	50	58.0	50	46.2	50	35.1	50	25.2	50	15.3	50	06.3	49	57.4	49	48.3
199	52	20.0	52	11.0	51	58.0	51	45.0	51	32.0	51	20.0	51	08.0	50	56.1	50	45.1	50	35.1	50	25.1	50	16.1	50	07.2	49	58.2
200	52	29.0	52	20.0	52	07.0	51	54.0	51	41.0	51	29.0	51	17.0	51	05.0	50	54.0	50	44.0	50	34.0	50	25.0	50	16.0	50	07.0
201	52	39.0	52	30.0	52	17.0	52	04.0	51	51.0	51	39.0	51	27.0	51	14.9	51	04.0	50	53.9	50	43.9	50	34.9	50	25.8	50	16.9
202	52	48.0	52	39.0	52	26.1	52	13.0	52	00.0	51	47.9	51	36.0	51	23.8	51	12.9	51	02.9	50	52.8	50	43.8	50	34.6	50	25.7
203	52	58.0	52	49.0	52	36.1	52	23.0	52	10.0	51	57.9	51	45.0	51	33.8	51	22.8	51	12.8	51	02.8	51	12.7	51	03.5	50	35.6
204	53	07.0	52	58.0	52	45.1	52	32.0	52	18.9	52	06.9	51	55.0	51	42.7	51	31.8	51	21.7	51	11.5	51	02.5	50	53.3	50	44.5
205	53	16.0	53	07.0	52	54.1	52	41.0	52	27.9	52	15.8	52	03.9	51	51.6	51	40.7	51	30.6	51	20.4	51	11.4	51	02.1	50	53.4
206	53	25.0	53	16.0	53	03.2	52	50.0	52	36.9	52	24.8	52	12.9	52	00.5	51	49.7	51	39.6	51	29.3	51	20.3	51	10.9	51	02.2
207	53	34.0	53	25.0	53	12.2	52	59.0	52	45.9	52	33.7	52	21.9	52	09.5	51	58.6	51	48.5	51	38.2	51	29.2	51	19.8	51	11.1
208	53	43.0	53	34.0	53	21.2	53	08.0	52	54.9	52	42.7	52	30.9	52	18.4	52	07.6	51	57.4	51	47.1	51	37.0	51	28.6	51	20.0
209	53	52.0	53	43.0	53	30.2	53	16.9	53	03.9	52	51.7	52	39.8	52	27.4	52	16.6	52	06.3	51	56.0	51	47.0	51	37.5	51	28.9
210	54	01.0	53	52.0	53	39.2	53	25.9	53	12.9	53	00.6	52	48.8	52	36.3	52	25.5	52	15.2	52	04.9	51	55.9	51	46.3	51	37.8

Depth  $h =$

$\Delta$

Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
m	m	m	m	m	m	m	m	m	m	m	m	m	m
s	s	s	s	s	s	s	s	s	s	s	s	s	s
54 10.0	54 01.0	53 48.2	53 34.9	53 21.9	53 09.6	52 57.6	52 45.3	52 34.5	52 24.1	52 13.8	52 04.8	51 55.2	51 46.7
54 19.0	54 10.0	53 57.2	53 43.8	53 30.9	53 18.5	53 06.7	52 54.2	52 43.4	52 33.0	52 22.7	52 13.7	52 04.0	51 55.6
54 28.0	54 19.0	54 06.2	53 52.7	53 39.8	53 27.5	53 15.7	53 03.2	52 52.4	52 41.9	52 31.6	52 22.6	52 12.9	52 04.5
54 37.0	54 28.0	54 15.2	54 01.7	53 48.9	53 36.4	53 24.6	53 12.1	53 01.3	52 50.8	52 40.5	52 31.5	52 21.7	52 13.4
54 46.0	54 37.0	54 24.2	54 10.6	53 57.3	53 45.3	53 33.5	53 21.1	53 10.3	52 59.7	52 49.4	52 40.4	52 30.6	52 22.4
54 55.0	54 46.0	54 33.2	54 19.5	54 06.9	53 54.3	53 42.4	53 30.1	53 19.2	53 08.6	52 58.3	52 49.3	52 39.5	52 31.3
55 03.0	54 54.0	54 41.1	54 27.4	54 15.0	54 02.2	53 50.3	53 38.0	53 27.2	53 16.4	53 06.3	52 57.3	52 47.3	52 39.2
55 12.0	55 03.0	54 50.1	54 36.3	54 24.0	54 11.2	53 59.2	53 47.0	53 36.1	53 25.3	53 15.2	53 06.2	52 56.2	52 48.1
55 21.0	55 12.0	54 59.1	54 45.2	54 33.0	54 20.1	54 08.1	53 56.0	53 45.1	53 34.2	53 24.1	53 15.1	53 05.1	52 57.1
55 30.0	55 21.0	55 08.0	54 54.0	54 42.0	54 29.0	54 17.0	54 05.0	53 54.0	53 43.0	53 33.0	53 24.0	53 14.0	53 06.0

TIMES OF SPP      BRANCH

A	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
45	15 12.0	15 04.0	14 52.0	14 41.3	14 30.3	14 18.9	14 08.9	13 58.9	13 51.2	13 43.1	13 35.5	13 29.4	13 23.4	13 19.4
46	15 26.0	15 18.0	15 06.0	14 55.2	14 44.2	14 33.0	14 23.0	14 13.0	14 05.2	13 57.1	13 49.4	13 43.4	13 37.4	13 33.4
47	15 40.0	15 32.0	15 20.0	15 09.2	14 58.2	14 47.0	14 37.0	14 27.0	14 19.2	14 11.1	14 03.3	13 57.3	13 51.3	13 47.3
48	15 54.0	15 46.0	15 34.0	15 23.2	15 12.2	15 01.0	14 51.0	14 41.0	14 33.1	14 25.1	14 17.2	14 11.2	14 05.2	14 01.2
49	16 09.0	16 01.0	15 49.0	15 38.1	15 27.1	15 16.0	15 06.0	14 56.0	14 48.1	14 40.1	14 32.1	14 26.1	14 20.1	14 16.1
50	16 23.0	16 15.0	16 03.0	15 52.0	15 41.0	15 30.0	15 20.0	15 10.0	15 02.0	14 54.0	14 46.0	14 40.0	14 34.0	14 30.0
51	16 37.0	16 29.0	16 17.0	16 05.9	15 54.9	15 44.0	15 34.0	15 24.0	15 15.9	15 08.0	14 59.9	14 53.9	14 47.9	14 43.9
52	16 52.0	16 44.0	16 32.0	16 20.8	16 09.8	15 59.0	15 49.0	15 39.0	15 30.9	15 22.9	15 14.8	15 08.8	15 02.8	14 58.7
53	17 06.0	16 58.0	16 46.0	16 34.7	16 23.7	16 13.1	16 03.1	15 53.1	15 44.8	15 36.8	15 28.7	15 22.8	15 16.8	15 12.5
54	17 20.0	17 12.0	17 00.0	16 48.6	16 37.6	16 27.1	16 17.1	16 07.1	15 58.7	15 50.7	15 42.6	15 36.7	15 30.7	15 26.3
55	17 34.0	17 26.0	17 14.0	17 02.5	16 51.5	16 41.1	16 31.1	16 21.1	16 12.6	16 04.6	15 56.5	15 50.6	15 44.6	15 40.1
56	17 48.0	17 40.0	17 28.0	17 16.4	17 05.4	16 55.1	16 45.1	16 35.1	16 26.5	16 18.5	16 10.4	16 04.5	15 58.5	15 53.9
57	18 03.0	17 55.0	17 43.0	17 31.3	17 20.3	17 10.1	17 00.1	16 50.1	16 41.4	16 33.4	16 25.3	16 19.4	16 13.4	16 08.7
58	18 17.0	18 09.0	17 57.0	17 45.2	17 34.2	17 24.1	17 14.1	17 04.1	16 55.2	16 47.3	16 39.2	16 33.3	16 27.3	16 22.5
59	18 31.0	18 23.0	18 11.0	17 59.1	17 48.1	17 38.0	17 28.0	17 18.0	17 09.1	17 01.2	16 53.1	16 47.1	16 41.1	16 36.2
60	18 45.0	18 37.0	18 25.0	18 13.0	18 02.0	17 52.0	17 42.0	17 32.0	17 23.0	17 15.0	17 07.0	17 01.0	16 55.0	16 50.0
61	18 59.0	18 51.0	18 39.0	18 27.0	18 16.0	18 05.9	17 55.9	17 45.9	17 36.9	17 28.8	17 20.9	17 14.8	17 08.9	17 03.8
62	19 13.0	19 05.0	18 53.0	18 41.0	18 30.0	18 19.8	18 09.9	17 59.9	17 50.8	17 42.6	17 34.8	17 28.7	17 22.7	17 17.6
63	19 27.0	19 19.0	19 07.1	18 54.9	18 43.9	18 33.7	18 23.7	18 13.8	18 04.7	17 56.4	17 48.8	17 42.5	17 36.5	17 31.5
64	19 41.0	19 33.0	19 21.1	19 08.9	18 57.9	18 47.6	18 37.6	18 27.7	18 18.6	18 10.2	18 02.7	17 56.3	17 50.3	17 45.3
65	19 55.0	19 47.0	19 35.1	19 22.9	19 11.9	19 01.5	18 51.6	18 41.6	18 32.5	18 24.0	18 16.6	18 10.1	18 04.1	17 59.1
66	20 09.0	20 01.0	19 49.1	19 37.0	19 26.0	19 15.4	19 05.5	18 55.5	18 46.4	18 37.8	18 30.5	18 23.9	18 17.9	18 12.9
67	20 23.0	20 15.0	20 03.1	19 51.0	19 40.0	19 29.3	19 19.4	19 09.4	19 00.3	18 51.6	18 44.4	18 37.7	18 31.7	18 26.7
68	20 37.0	20 29.0	20 17.1	20 05.0	19 54.0	19 43.2	19 33.2	19 23.2	19 14.2	19 05.4	18 58.3	18 51.4	18 45.5	18 40.5
69	20 51.0	20 43.0	20 31.0	20 19.0	20 08.0	19 57.1	19 47.1	19 37.1	19 28.1	19 19.2	19 12.1	19 05.2	18 59.3	18 54.2
70	21 05.0	20 57.0	20 45.0	20 33.0	20 22.0	20 11.0	20 01.0	19 51.0	19 42.0	19 33.0	19 26.0	19 19.0	19 13.0	19 08.0
71	21 19.0	21 11.0	21 00.0	20 48.0	20 37.0	20 26.0	20 16.0	20 06.0	19 57.0	19 48.0	19 40.0	19 31.0	19 25.0	19 20.0
72	21 33.0	21 25.0	21 13.0	21 01.0	20 50.0	20 39.0	20 29.0	20 19.0	20 10.0	19 59.0	19 52.0	19 45.0	19 39.0	19 34.0
73	21 47.0	21 39.0	21 27.0	21 15.0	21 04.0	20 53.0	20 43.0	20 33.0	20 24.0	20 15.0	20 06.0	19 59.0	19 53.0	19 48.0
74	22 01.0	21 53.0	21 41.0	21 29.0	21 18.0	21 07.0	20 57.0	20 47.0	20 38.0	20 29.0	20 20.0	20 11.0	20 06.0	20 01.0
75	22 15.0	22 07.0	21 55.0	21 43.0	21 32.0	21 21.0	21 11.0	21 01.0	20 52.0	20 43.0	20 34.0	20 25.0	20 19.0	20 14.0
76	22 29.0	22 21.0	22 09.0	21 57.0	21 46.0	21 35.0	21 25.0	21 15.0	21 06.0	20 57.0	20 48.0	20 39.0	20 33.0	20 28.0
77	22 43.0	22 35.0	22 23.0	22 11.0	22 00.0	21 49.0	21 39.0	21 29.0	21 20.0	21 11.0	21 02.0	20 53.0	20 47.0	20 41.0
78	22 57.0	22 49.0	22 37.0	22 25.0	22 14.0	22 03.0	21 53.0	21 43.0	21 34.0	21 25.0	21 16.0	21 07.0	20 59.0	20 54.0
79	23 11.0	23 03.0	22 51.0	22 39.0	22 28.0	22 17.0	22 07.0	21 57.0	21 48.0	21 39.0	21 30.0	21 21.0	21 12.0	21 07.0
80	23 25.0	23 17.0	23 05.0	22 53.0	22 42.0	22 31.0	22 21.0	22 11.0	22 02.0	21 53.0	21 44.0	21 35.0	21 26.0	21 21.0
81	23 39.0	23 31.0	23 19.0	23 07.0	22 56.0	22 45.0	22 35.0	22 25.0	22 16.0	22 07.0	21 58.0	21 49.0	21 40.0	21 35.0
82	23 53.0	23 45.0	23 33.0	23 21.0	23 10.0	23 00.0	22 50.0	22 40.0	22 31.0	22 22.0	22 13.0	22 04.0	21 55.0	21 50.0
83	24 07.0	24 00.0	23 52.0	23 40.0	23 29.0	23 18.0	23 08.0	22 58.0	22 49.0	22 40.0	22 31.0	22 22.0	22 13.0	22 08.0
84	24 21.0	24 14.0	24 06.0	23 54.0	23 43.0	23 32.0	23 22.0	23 12.0	23 03.0	22 54.0	22 45.0	22 36.0	22 27.0	22 22.0

Depth  $h =$ 

A	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
85	24	27.0	24	19.0	24	05.4	23	55.1	23	43.6	23	32.6	23	21.5	23	11.0	23	02.1	22	53.1	22	45.0	22	37.5	22	30.5	22	25.0
86	24	40.0	24	32.0	24	19.0	24	08.1	23	56.5	23	45.5	23	34.4	23	23.8	23	14.9	23	05.9	22	57.8	22	50.2	22	43.2	22	37.6
87	24	54.0	24	46.0	24	33.0	24	22.1	24	10.4	23	59.4	23	48.3	23	37.6	23	28.7	23	19.7	23	11.6	23	03.9	22	56.9	22	51.2
88	25	07.0	24	59.0	24	46.0	24	35.1	24	23.2	24	12.2	24	01.2	23	50.4	23	41.4	23	32.4	23	24.4	23	16.6	23	09.6	23	03.8
89	25	20.0	25	12.0	24	59.0	24	48.0	24	36.1	24	25.1	24	14.1	24	03.2	23	54.2	23	45.2	23	37.2	23	29.3	23	22.3	23	16.4
90	25	33.0	25	25.0	25	12.0	25	01.0	24	49.0	24	38.0	24	27.0	24	16.0	24	07.0	23	58.0	23	50.0	23	42.0	23	35.0	23	29.0
91	25	45.0	25	38.0	25	25.0	25	13.9	25	01.9	24	50.9	24	39.9	24	28.9	24	19.8	24	10.8	24	02.9	23	54.8	23	47.7	23	41.7
92	25	59.0	25	51.0	25	36.0	25	26.9	25	14.8	25	03.8	24	52.8	24	41.8	24	32.6	24	23.7	24	15.7	24	07.7	24	00.5	23	54.5
93	26	11.0	26	03.1	25	50.1	25	38.8	25	26.7	25	15.8	25	04.8	24	53.7	24	44.5	24	35.5	24	27.5	24	19.5	24	12.2	24	06.2
94	26	24.0	26	16.1	26	03.1	25	51.7	25	39.6	25	28.7	25	17.7	25	06.6	24	57.3	24	48.3	24	40.4	24	32.3	24	24.9	24	19.0
95	26	37.0	26	29.1	26	16.1	26	04.6	25	52.5	25	41.6	25	30.6	25	19.5	25	10.1	25	01.1	24	53.2	24	45.1	24	37.6	24	31.7
96	26	50.0	26	42.1	26	29.1	26	17.5	26	05.4	25	54.5	25	43.5	25	32.4	25	22.9	25	13.9	25	06.0	24	57.9	24	50.3	24	44.4
97	27	02.0	26	54.1	26	41.1	26	29.4	26	17.3	26	06.4	25	55.4	25	44.3	25	34.7	25	25.7	25	17.0	25	09.7	25	02.0	24	56.1
98	27	15.0	27	07.1	26	54.1	26	42.2	26	30.2	26	19.3	26	08.3	25	57.2	25	47.5	25	38.5	25	30.6	25	22.5	25	14.7	25	08.8
99	27	27.0	27	19.0	27	06.0	26	54.1	26	42.1	26	31.1	26	20.1	26	09.1	25	59.2	25	50.3	25	42.3	25	34.3	25	26.4	25	20.4
100	27	40.0	27	32.0	27	19.0	27	07.0	26	55.0	26	44.0	26	33.0	26	22.0	26	12.0	26	03.0	25	55.0	25	47.0	25	39.0	25	33.0
101	27	52.0	27	43.9	27	30.9	27	18.9	27	06.9	26	55.8	26	44.8	26	33.8	26	23.7	26	14.6	26	06.5	25	58.6	25	50.5	25	44.4
102	28	04.0	27	55.8	27	42.8	27	30.8	27	18.8	27	07.6	26	56.6	26	45.7	26	35.4	26	26.2	26	18.1	26	10.1	26	02.0	25	55.7
103	28	17.0	28	08.7	27	55.7	27	43.7	27	31.7	27	20.6	27	09.4	26	58.5	26	48.1	26	38.8	26	30.6	26	22.6	26	14.5	26	08.0
104	28	29.0	28	20.6	28	07.6	27	55.6	27	43.6	27	32.2	27	21.2	27	10.3	26	59.8	26	50.4	26	42.0	26	34.1	26	26.0	26	19.2
105	28	41.0	28	32.5	28	19.5	28	07.4	27	55.5	27	44.0	27	32.9	27	22.1	27	11.4	27	02.0	26	53.5	26	45.6	26	37.5	26	30.5
106	28	53.0	28	44.4	28	31.4	28	19.3	28	07.4	27	55.8	27	44.7	27	33.9	27	23.1	27	13.6	27	05.0	26	57.0	26	49.0	26	41.8
107	29	05.0	28	56.3	28	43.3	28	31.2	28	19.3	28	07.6	27	56.5	27	45.7	27	34.6	27	25.2	27	16.5	27	08.5	27	00.5	26	53.1
108	29	17.0	29	08.2	28	55.2	28	42.2	28	31.2	28	19.4	28	08.3	27	57.4	27	46.5	27	36.8	27	28.0	27	20.0	27	12.0	27	04.3
109	29	29.0	29	20.1	29	07.1	28	55.1	28	43.1	28	31.2	28	20.2	28	09.2	27	58.3	27	48.4	27	39.5	27	31.5	27	23.5	27	15.7
110	29	41.0	29	32.0	29	19.0	29	07.0	28	55.0	28	43.0	28	32.0	28	21.0	28	10.0	28	00.0	27	51.0	27	43.0	27	35.0	27	27.0
111	29	53.0	29	44.0	29	31.0	29	19.0	29	06.9	28	54.9	28	44.0	28	32.8	28	21.8	28	11.7	28	02.7	27	54.6	27	46.6	27	38.6
112	30	05.0	29	56.0	29	43.0	29	31.0	29	18.8	29	06.7	28	55.9	28	44.6	28	33.7	28	23.5	28	14.4	28	06.3	27	58.3	27	50.2
113	30	16.0	30	06.9	29	53.9	29	41.9	29	29.7	29	17.6	28	56.9	28	55.4	28	44.6	28	34.2	28	25.2	28	16.9	28	08.9	28	00.8
114	30	27.0	30	17.9	30	04.9	29	52.9	29	40.6	29	28.5	29	17.9	29	06.2	28	55.5	28	45.0	28	36.0	28	27.6	28	19.6	28	11.5
115	30	37.0	30	27.9	30	14.9	29	52.9	29	50.5	29	38.4	29	27.9	29	16.0	29	05.4	28	54.8	28	45.8	28	37.3	28	29.3	28	21.2
116	30	43.0	30	38.9	30	25.9	30	14.0	30	01.4	29	49.3	29	38.9	29	26.8	29	16.3	29	05.6	28	56.6	28	48.0	28	40.0	28	31.9
117	30	59.0	30	49.9	30	36.9	30	25.0	30	12.3	30	00.2	29	49.9	29	37.6	29	27.2	29	16.5	29	07.4	28	58.7	28	50.8	28	42.7
118	31	09.0	31	00.0	30	47.0	30	35.0	30	22.2	30	10.2	30	00.0	29	47.4	29	37.1	29	26.3	29	17.3	29	08.5	29	00.5	28	52.4
119	31	20.0	31	11.0	30	58.0	30	46.0	30	33.1	30	21.1	30	11.0	29	58.2	29	48.1	29	37.1	29	28.1	29	19.2	29	11.2	29	03.2
120	31	30.0	31	21.0	31	08.0	30	56.0	30	43.0	30	31.0	30	21.0	30	08.0	29	58.0	29	47.0	29	38.0	29	29.0	29	21.0	29	13.0
121	31	41.0	31	32.0	31	19.0	31	07.0	30	53.9	30	41.9	30	32.0	30	18.7	29	57.9	29	47.9	29	38.9	29	29.9	29	21.8	29	13.8
122	31	51.0	31	42.1	31	29.1	31	17.0	31	03.8	30	51.8	30	42.1	30	28.7	29	57.8	29	47.8	29	38.8	29	29.8	29	21.6	29	13.6
123	32	02.0	31	53.1	31	40.1	31	28.1	31	14.7	31	02.8	30	52.1	30	39.5	29	57.8	29	47.8	29	38.8	29	29.8	29	21.6	29	13.6
124	32	12.0	32	03.1	31	50.1	31	38.1	31	24.7	31	12.8	31	03.1	30	49.3	29	57.8	29	47.8	29	38.8	29	29.8	29	21.6	29	13.6

BRANCH

SPP

TIMES OF

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
125	32	22.0	32	13.1	32	00.1	31	48.1	31	34.6	31	22.7	31	13.1	30	59.2	30	49.7	30	38.4	30	29.5	30	20.0	30	11.9	29	04.1
126	32	22.0	32	23.2	32	10.2	31	58.1	31	44.5	31	32.7	31	23.0	31	09.0	30	59.6	30	48.4	30	39.4	30	29.9	30	21.8	30	14.0
127	32	42.0	32	23.2	32	20.2	32	08.1	31	54.4	31	42.6	31	33.0	31	18.9	31	09.6	30	58.3	30	49.3	30	39.7	30	31.6	30	23.8
128	32	52.0	32	43.2	32	30.2	32	18.1	32	04.4	31	52.6	31	42.9	31	28.7	31	19.5	31	08.2	30	59.2	30	49.5	30	41.4	30	33.6
129	33	02.0	32	53.2	32	40.2	32	28.0	32	14.3	32	02.6	31	52.9	31	38.6	31	29.4	31	18.1	31	09.1	30	59.4	30	51.2	30	43.5
130	33	12.0	33	03.0	32	50.0	32	37.6	32	24.4	32	12.4	32	01.7	31	48.8	31	38.5	31	27.8	31	18.4	31	09.2	31	00.7	30	52.3
131	33	22.0	33	13.0	33	00.0	32	47.6	32	34.4	32	22.4	32	11.5	31	58.7	31	48.4	31	37.7	31	28.2	31	19.0	31	10.5	31	02.0
132	33	32.0	33	23.0	33	10.0	32	57.5	32	44.3	32	32.3	32	21.4	32	08.6	31	58.2	31	47.6	31	38.1	31	28.9	31	20.3	31	11.9
133	33	42.0	33	33.0	33	20.0	33	07.4	32	54.3	32	42.3	32	31.2	32	18.5	32	08.0	31	57.5	31	47.9	31	38.8	31	30.1	31	21.5
134	33	51.0	33	42.0	33	29.0	33	16.4	33	03.2	32	51.2	32	40.0	32	27.4	32	16.9	32	06.5	31	56.8	31	47.6	31	39.0	31	30.3
135	34	01.0	33	52.0	33	39.0	33	26.3	33	13.2	33	01.2	32	49.9	32	37.3	32	26.7	32	16.4	32	06.6	31	57.5	31	48.8	31	40.1
136	34	11.0	34	02.0	33	49.0	33	36.3	33	23.2	33	11.2	32	59.7	32	47.3	32	36.6	32	26.3	32	16.5	32	07.4	31	58.6	31	49.8
137	34	20.0	34	11.0	33	58.0	33	45.2	33	32.1	33	20.1	32	08.5	32	56.2	32	45.4	32	35.2	32	25.4	32	16.3	32	07.5	31	58.6
138	34	30.0	34	21.0	34	08.0	33	55.1	33	42.1	33	30.1	33	18.3	33	06.1	32	55.3	32	45.2	32	35.3	32	26.2	32	17.3	32	08.4
139	34	39.0	34	30.0	34	17.0	34	04.2	33	51.0	33	39.0	33	27.2	33	15.1	33	04.1	32	54.1	32	44.1	32	35.1	32	26.2	32	17.2
140	34	48.0	34	39.0	34	26.0	34	13.0	34	00.0	33	48.0	33	36.0	33	24.0	33	13.0	33	03.0	32	53.0	32	44.0	32	35.0	32	26.0
141	34	58.0	34	49.0	34	36.0	34	22.9	34	10.0	33	58.0	33	45.9	33	34.0	33	22.9	33	12.9	33	02.9	32	53.9	32	44.9	32	35.8
142	35	07.0	34	58.0	34	45.0	34	31.9	34	18.9	34	06.9	33	54.7	33	42.9	33	31.8	33	21.9	33	11.8	33	02.8	32	53.7	32	44.6
143	35	16.0	35	07.0	34	54.0	34	40.8	34	27.9	34	15.9	34	03.6	33	51.8	33	40.6	33	30.8	33	20.7	33	11.7	33	02.6	32	53.5
144	35	25.0	35	16.0	35	03.0	34	49.8	34	36.9	34	24.9	34	12.4	34	00.8	33	49.5	33	39.7	33	29.5	33	20.6	33	11.5	33	02.3
145	35	34.0	35	25.0	35	12.0	34	58.7	34	45.8	34	33.8	34	21.3	34	09.7	33	58.4	33	48.6	33	38.4	33	29.6	33	20.4	33	11.1
146	35	44.0	35	35.0	35	22.0	35	08.6	34	55.8	34	43.8	34	31.2	34	19.7	34	08.3	33	58.6	33	48.3	33	39.5	33	30.2	33	21.0
147	35	53.0	35	44.0	35	31.0	35	17.6	35	04.7	34	52.7	34	40.1	34	28.6	34	17.2	34	07.5	33	57.2	33	48.4	33	39.1	33	29.9
148	36	02.0	35	53.0	35	40.0	35	26.5	35	13.7	35	01.7	34	49.0	34	37.6	34	26.1	34	16.4	34	06.1	33	57.3	33	48.0	33	38.7
149	36	11.0	36	02.0	35	49.0	35	35.5	35	22.7	35	10.7	34	57.9	34	46.6	34	35.1	34	25.3	34	15.0	34	06.2	33	56.9	33	47.6
150	36	20.0	36	11.0	35	58.0	35	44.4	35	31.4	35	19.4	35	07.3	34	55.4	34	44.4	34	33.9	34	23.9	34	14.9	34	05.9	33	56.8
151	36	28.0	36	19.0	36	06.0	35	52.4	35	39.4	35	27.4	35	15.3	35	03.3	34	52.3	34	41.8	34	31.8	34	22.8	34	13.8	34	04.7
152	36	37.0	36	28.0	36	15.0	36	01.3	35	48.3	35	36.3	35	24.2	35	12.3	35	01.3	34	50.7	34	40.7	34	31.7	34	22.7	34	13.5
153	36	46.0	36	37.0	36	24.0	36	10.3	35	57.3	35	45.3	35	33.2	35	21.2	35	10.3	34	59.6	34	49.6	34	40.6	34	31.6	34	22.5
154	36	55.0	36	46.0	36	33.0	36	19.4	36	06.4	35	54.4	35	42.3	35	30.4	35	19.4	35	08.9	34	58.9	34	49.9	34	40.9	34	31.8
155	37	04.0	36	55.0	36	42.0	36	28.2	36	15.2	36	03.2	35	51.1	35	39.2	35	28.2	35	17.4	35	07.4	34	58.4	34	49.4	34	40.3
156	37	13.0	37	04.0	36	51.0	36	37.2	36	24.2	36	12.2	36	00.1	35	48.1	35	37.1	35	26.3	35	16.3	35	07.3	34	58.3	34	49.3
157	37	21.0	37	12.0	36	59.0	36	45.1	36	32.1	36	20.1	36	08.1	35	56.1	35	45.1	35	34.2	35	24.2	35	15.2	35	06.3	34	57.2
158	37	30.0	37	21.0	37	08.0	36	54.1	36	41.1	36	29.1	36	17.0	36	05.1	35	54.1	35	43.2	35	33.2	35	24.2	35	15.2	35	06.1
159	37	39.0	37	30.0	37	17.0	37	03.0	36	50.0	36	38.0	36	26.0	36	14.0	36	03.0	35	52.1	35	42.1	35	33.1	35	24.1	35	15.1
160	37	47.0	37	38.0	37	25.0	37	11.0	36	58.0	36	46.0	36	34.0	36	22.0	36	11.0	36	00.0	35	50.0	35	41.0	35	32.0	35	23.0
161	37	56.0	37	47.0	37	34.0	37	20.0	37	07.0	36	55.0	36	43.0	36	31.0	36	20.0	36	08.9	35	58.9	35	49.9	35	40.9	35	32.0
162	38	05.0	37	55.0	37	43.0	37	28.9	37	15.9	37	03.9	36	52.0	36	40.0	36	28.9	36	17.9	36	07.9	35	58.9	35	49.8	35	40.9
163	38	13.0	38	04.0	37	51.0	37	36.9	37	23.9	37	11.9	37	00.0	36	47.9	36	36.9	36	25.8	36	15.8	36	06.8	35	57.8	35	48.8
164	38	22.0	38	13.0	38	00.0	37	45.9	37	32.9	37	20.9	37	09.0	36	56.9	36	45.9	36	34.8	36	24.7	36	15.7	36	06.7	35	57.8

TIMES OF SPP  
 BRANCH

Δ	Depth h =													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
165	38 30.0	38 21.0	38 09.0	37 53.9	37 40.9	37 28.9	37 17.0	37 04.9	36 53.8	36 42.7	36 32.7	36 23.7	36 14.6	36 05.7
166	38 39.0	38 30.0	38 17.0	38 02.9	37 49.9	37 37.9	37 25.9	37 13.9	37 02.8	36 51.7	36 41.6	36 32.6	36 23.5	36 14.7
167	38 47.0	38 38.0	38 25.0	38 10.8	37 57.8	37 45.8	37 33.9	37 21.9	37 10.8	36 59.7	36 49.5	36 40.5	36 31.4	36 22.6
168	38 56.0	38 47.0	38 34.0	38 19.8	38 06.8	37 54.8	37 42.9	37 30.9	37 19.7	37 08.7	36 58.5	36 49.5	36 40.3	36 31.6
169	39 04.0	38 55.0	38 42.0	38 27.8	38 14.8	38 02.8	37 50.9	37 38.9	37 27.7	37 16.6	37 06.4	36 57.4	36 48.2	36 39.6
170	39 13.0	39 04.0	38 51.0	38 36.8	38 23.8	38 11.8	37 59.9	37 47.9	37 36.6	37 25.6	37 15.4	37 06.4	36 57.1	36 48.5
171	39 21.0	39 12.0	38 59.0	38 44.8	38 31.8	38 19.8	38 07.9	37 55.9	37 44.6	37 33.6	37 23.3	37 14.3	37 05.0	36 56.5
172	39 30.0	39 21.0	39 08.0	38 53.8	38 40.8	38 28.8	38 17.0	38 04.9	37 53.5	37 42.6	37 32.3	37 23.3	37 13.9	37 05.4
173	39 38.0	39 29.0	39 16.0	39 01.8	38 48.8	38 36.8	38 25.0	38 12.9	38 01.5	37 50.7	37 40.2	37 31.2	37 21.8	37 13.4
174	39 46.0	39 37.0	39 24.0	39 09.8	38 56.8	38 44.8	38 33.0	38 20.9	38 09.4	37 58.7	37 48.2	37 39.2	37 29.7	37 21.3
175	39 55.0	39 46.0	39 33.0	39 18.9	39 05.9	38 53.9	38 42.0	38 29.9	38 18.4	38 07.7	37 57.2	37 48.2	37 38.6	37 30.3
176	40 03.0	39 54.0	39 41.0	39 26.9	39 13.9	39 01.9	38 50.0	38 37.9	38 26.3	38 15.8	38 05.1	37 56.1	37 46.5	37 38.2
177	40 12.0	40 03.0	39 50.0	39 35.9	39 22.9	39 10.9	38 59.0	38 46.9	38 35.2	38 24.8	38 14.1	38 05.1	37 55.4	37 47.2
178	40 20.0	40 11.0	39 58.0	39 43.9	39 30.9	39 18.9	39 07.0	38 55.0	38 43.2	38 32.9	38 22.1	38 13.1	38 03.3	37 55.1
179	40 28.0	40 19.0	40 06.0	39 52.0	39 39.0	39 27.0	39 15.0	39 03.0	38 51.1	38 40.9	38 30.0	38 21.0	38 11.1	38 03.1
180	40 37.0	40 28.0	40 15.0	40 01.0	39 48.0	39 36.0	39 24.0	39 12.0	39 00.0	38 50.0	38 39.0	38 30.0	38 20.0	38 12.0

Depth  $h =$

PCP

BRANCH

TIMES OF

$\Delta$	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
0	m 8 34.3	m 8 28.9	m 8 20.8	m 8 12.9	m 8 05.2	m 7 57.7	m 7 50.4	m 7 43.2	m 7 36.3	m 7 29.8	m 7 23.5	m 7 17.5	m 7 11.5	m 7 05.5
1	8 34.3	8 28.9	8 20.8	8 12.9	8 05.2	7 57.7	7 50.4	7 43.2	7 36.3	7 29.8	7 23.5	7 17.5	7 11.5	7 05.5
2	8 34.5	8 29.1	8 21.0	8 13.1	8 05.4	7 57.9	7 50.6	7 43.5	7 36.5	7 30.0	7 23.7	7 17.7	7 11.7	7 05.7
3	8 34.7	8 29.3	8 21.3	8 13.3	8 05.6	7 58.1	7 50.8	7 43.7	7 36.8	7 30.2	7 24.0	7 18.0	7 11.9	7 05.9
4	8 35.0	8 29.6	8 21.6	8 13.7	8 05.9	7 58.4	7 51.1	7 44.0	7 37.1	7 30.5	7 24.3	7 18.3	7 12.2	7 06.2
5	8 35.4	8 30.0	8 22.0	8 14.1	8 06.3	7 58.8	7 51.5	7 44.4	7 37.5	7 31.0	7 24.7	7 18.7	7 12.7	7 06.6
6	8 35.9	8 30.5	8 22.5	8 14.6	8 06.9	7 59.3	7 52.0	7 44.9	7 38.0	7 31.5	7 25.2	7 19.2	7 13.2	7 07.2
7	8 36.6	8 31.2	8 23.2	8 15.3	8 07.6	8 00.0	7 52.8	7 45.6	7 38.7	7 32.2	7 26.0	7 20.0	7 13.9	7 07.9
8	8 37.3	8 31.9	8 23.9	8 16.0	8 08.3	8 00.8	7 53.5	7 46.4	7 39.5	7 32.9	7 26.7	7 20.7	7 14.7	7 08.7
9	8 38.1	8 32.7	8 24.7	8 16.8	8 09.1	8 01.6	7 54.3	7 47.2	7 40.3	7 33.8	7 27.5	7 21.6	7 15.5	7 09.5
10	8 39.0	8 33.6	8 25.6	8 17.7	8 10.0	8 02.5	7 55.2	7 48.1	7 41.2	7 34.7	7 28.5	7 22.5	7 16.5	7 10.5
11	8 40.0	8 34.6	8 26.6	8 18.7	8 11.0	8 03.5	7 56.2	7 49.1	7 42.2	7 35.7	7 29.6	7 23.6	7 17.6	7 11.6
12	8 41.1	8 35.7	8 27.7	8 19.8	8 12.1	8 04.7	7 57.3	7 50.2	7 43.3	7 36.9	7 30.7	7 24.7	7 18.8	7 12.8
13	8 42.3	8 36.9	8 28.9	8 21.0	8 13.4	8 05.9	7 58.6	7 51.4	7 44.6	7 38.1	7 32.0	7 26.0	7 20.0	7 14.1
14	8 43.5	8 38.1	8 30.1	8 22.2	8 14.6	8 07.1	7 59.8	7 52.7	7 45.8	7 39.4	7 33.2	7 27.2	7 21.3	7 15.4
15	8 44.9	8 39.5	8 31.5	8 23.6	8 16.0	8 08.6	8 01.2	7 54.1	7 47.2	7 40.8	7 34.7	7 28.7	7 22.8	7 16.9
16	8 46.4	8 41.0	8 33.0	8 25.1	8 17.5	8 10.1	8 02.7	7 55.6	7 48.8	7 42.4	7 36.2	7 30.3	7 24.4	7 18.6
17	8 47.9	8 42.5	8 34.5	8 26.7	8 19.0	8 11.6	8 04.3	7 57.2	7 50.3	7 43.9	7 37.8	7 31.8	7 26.0	7 20.2
18	8 49.5	8 44.1	8 36.1	8 28.3	8 20.7	8 13.2	8 05.9	7 58.8	7 52.0	7 45.6	7 39.5	7 33.5	7 27.7	7 21.9
19	8 51.2	8 45.8	8 37.8	8 30.0	8 22.4	8 15.0	8 07.7	8 00.6	7 53.7	7 47.3	7 41.2	7 35.3	7 29.5	7 23.7
20	8 53.0	8 47.6	8 39.6	8 31.8	8 24.2	8 16.8	8 09.5	8 02.4	7 55.6	7 49.2	7 43.1	7 37.2	7 31.4	7 25.6
21	8 54.9	8 49.5	8 41.5	8 33.7	8 26.1	8 18.7	8 11.5	8 04.4	7 57.6	7 51.2	7 45.1	7 39.2	7 33.4	7 27.6
22	8 56.8	8 51.4	8 43.4	8 35.6	8 28.0	8 20.7	8 13.4	8 06.3	7 59.5	7 53.1	7 47.1	7 41.2	7 35.4	7 29.6
23	8 58.8	8 53.4	8 45.4	8 37.7	8 30.1	8 22.7	8 15.5	8 08.4	8 01.6	7 55.2	7 49.1	7 43.3	7 37.5	7 31.8
24	9 00.9	8 55.5	8 47.5	8 39.8	8 32.2	8 24.8	8 17.6	8 10.5	8 03.8	7 57.4	7 51.3	7 45.5	7 39.7	7 34.0
25	9 03.0	8 57.7	8 49.7	8 41.9	8 34.3	8 27.0	8 19.8	8 12.7	8 05.9	7 59.5	7 53.5	7 47.7	7 42.0	7 36.2
26	9 05.2	8 59.9	8 51.9	8 44.1	8 36.5	8 29.2	8 22.0	8 15.0	8 08.2	8 01.8	7 55.8	7 50.0	7 44.3	7 38.5
27	9 07.5	9 02.2	8 54.2	8 46.5	8 38.8	8 31.5	8 24.4	8 17.3	8 10.6	8 04.2	7 58.2	7 52.4	7 46.7	7 40.9
28	9 09.9	9 04.6	8 56.6	8 48.9	8 41.3	8 34.0	8 26.8	8 19.8	8 13.1	8 06.7	8 00.6	7 54.9	7 49.2	7 43.5
29	9 12.4	9 07.1	8 59.1	8 51.4	8 43.8	8 36.5	8 29.4	8 22.3	8 15.6	8 09.2	8 03.2	7 57.5	7 51.8	7 46.1
30	9 14.9	9 09.6	9 01.6	8 53.9	8 46.3	8 39.0	8 31.9	8 24.9	8 18.2	8 11.8	8 05.8	8 00.1	7 54.4	7 48.7
31	9 17.5	9 12.2	9 04.2	8 56.5	8 48.9	8 41.6	8 34.6	8 27.6	8 20.9	8 14.5	8 08.5	8 02.8	7 57.1	7 51.4
32	9 20.2	9 14.9	9 06.9	8 59.2	8 51.6	8 44.4	8 37.5	8 30.3	8 23.6	8 17.2	8 11.3	8 05.6	7 59.9	7 54.3
33	9 22.9	9 17.6	9 09.6	9 01.9	8 54.4	8 47.1	8 40.0	8 33.1	8 26.4	8 20.0	8 14.0	8 08.4	8 02.7	7 57.1
34	9 25.7	9 20.4	9 12.4	9 04.7	8 57.2	8 49.9	8 42.9	8 35.9	8 29.3	8 22.9	8 16.9	8 11.3	8 05.6	8 00.0
35	9 28.6	9 23.3	9 15.4	9 07.7	9 00.1	8 52.9	8 45.8	8 38.9	8 32.2	8 25.9	8 19.9	8 14.3	8 08.6	8 03.0
36	9 31.5	9 26.2	9 18.3	9 10.6	9 03.0	8 55.8	8 48.8	8 41.8	8 35.2	8 28.8	8 22.9	8 17.0	8 11.6	8 06.1
37	9 34.5	9 29.2	9 21.3	9 13.6	9 06.0	8 58.8	8 51.8	8 44.9	8 38.2	8 31.9	8 26.0	8 20.3	8 14.7	8 09.2
38	9 37.6	9 32.3	9 24.4	9 16.7	9 09.2	9 01.9	8 54.9	8 48.0	8 41.4	8 35.1	8 29.1	8 23.5	8 17.9	8 12.4
39	9 40.7	9 35.4	9 27.5	9 19.8	9 12.3	9 05.1	8 58.1	8 51.2	8 44.6	8 38.2	8 32.3	8 26.7	8 21.1	8 15.7
40	9 43.9	9 38.6	9 30.7	9 23.0	9 15.5	9 08.3	9 01.3	8 54.4	8 47.8	8 41.5	8 35.6	8 30.0	8 24.4	8 19.0

Δ	Depth h =													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
41	9 47.1	9 41.8	9 33.9	9 26.2	9 18.7	9 11.5	9 04.6	8 57.7	8 51.1	8 44.8	8 38.9	8 33.3	8 27.7	8 22.4
42	9 50.4	9 45.1	9 37.2	9 29.5	9 22.1	9 14.9	9 07.9	9 01.0	8 54.4	8 48.2	8 42.3	8 36.7	8 31.2	8 25.8
43	9 53.7	9 48.4	9 40.5	9 32.9	9 25.4	9 18.2	9 11.2	9 04.4	8 57.8	8 51.5	8 45.7	8 40.1	8 34.6	8 29.3
44	9 57.1	9 51.8	9 44.0	9 36.3	9 28.8	9 21.7	9 14.7	9 07.8	9 01.3	8 55.0	8 49.2	8 43.6	8 38.1	8 32.9
45	10 00.5	9 55.1	9 47.4	9 39.7	9 32.3	9 25.1	9 18.1	9 11.3	9 04.7	8 58.5	8 52.7	8 47.1	8 41.7	8 36.5
46	10 04.0	9 58.7	9 50.9	9 43.2	9 35.8	9 28.7	9 21.7	9 14.9	9 08.3	9 02.0	8 56.3	8 50.7	8 45.2	8 40.1
47	10 07.5	10 02.2	9 54.4	9 46.8	9 39.3	9 32.2	9 25.2	9 18.4	9 11.8	9 05.6	8 59.9	8 54.3	8 48.9	8 43.8
48	10 11.1	10 05.8	9 58.0	9 50.4	9 42.8	9 35.8	9 28.9	9 22.0	9 15.5	9 09.3	9 03.5	8 58.0	8 52.7	8 47.5
49	10 14.7	10 09.4	10 01.6	9 54.0	9 46.6	9 39.5	9 32.5	9 25.7	9 19.2	9 12.9	9 07.2	9 01.7	8 56.4	8 51.3
50	10 18.3	10 13.0	10 05.2	9 57.6	9 50.2	9 43.1	9 36.1	9 29.3	9 22.8	9 16.6	9 10.9	9 05.4	8 59.1	8 55.0
51	10 22.0	10 16.7	10 08.9	10 01.3	9 53.9	9 46.8	9 39.8	9 32.1	9 26.6	9 20.4	9 14.7	9 09.2	9 03.9	8 55.0
52	10 25.7	10 20.4	10 12.6	10 05.0	9 57.7	9 50.5	9 43.6	9 36.8	9 30.3	9 24.1	9 18.4	9 12.9	9 07.7	9 02.8
53	10 29.4	10 24.1	10 16.3	10 08.7	10 01.4	9 54.3	9 47.3	9 40.5	9 34.1	9 27.9	9 22.2	9 16.7	9 11.4	9 06.3
54	10 33.2	10 27.9	10 20.1	10 12.6	10 05.2	9 58.1	9 51.1	9 44.4	9 37.9	9 31.8	9 26.1	9 20.6	9 15.3	9 10.2
55	10 37.0	10 31.7	10 23.9	10 16.4	10 09.0	10 01.9	9 55.0	9 48.2	9 41.8	9 35.6	9 29.9	9 24.4	9 19.2	9 14.0
56	10 40.9	10 35.6	10 27.8	10 20.3	10 12.9	10 05.8	9 58.9	9 52.2	9 45.7	9 39.6	9 33.9	9 28.4	9 23.1	9 18.0
57	10 44.8	10 39.5	10 31.7	10 24.2	10 16.9	10 09.8	10 02.8	9 56.1	9 49.7	9 43.5	9 37.8	9 32.3	9 27.1	9 21.9
58	10 48.7	10 43.4	10 35.6	10 28.1	10 20.8	10 13.7	10 06.8	10 00.0	9 53.6	9 47.5	9 41.8	9 36.3	9 31.0	9 25.8
59	10 52.6	10 47.3	10 39.5	10 32.0	10 24.7	10 17.6	10 10.7	10 03.8	9 57.6	9 51.5	9 45.8	9 40.3	9 35.0	9 29.8
60	10 56.6	10 51.3	10 43.5	10 36.0	10 28.7	10 21.6	10 14.7	10 07.8	10 01.6	9 55.5	9 49.8	9 44.3	9 39.0	9 33.8
61	11 00.6	10 55.3	10 47.5	10 40.0	10 32.7	10 25.6	10 18.7	10 12.0	10 05.6	9 59.6	9 53.9	9 48.4	9 43.1	9 37.9
62	11 04.6	10 59.3	10 51.5	10 44.1	10 36.8	10 29.7	10 22.8	10 16.1	10 09.7	10 03.6	9 57.9	9 52.4	9 47.1	9 41.9
63	11 08.7	11 03.4	10 55.6	10 48.1	10 40.9	10 33.8	10 26.9	10 20.2	10 13.8	10 07.8	10 02.1	9 56.6	9 51.3	9 46.1
64	11 12.8	11 07.5	10 59.7	10 52.3	10 45.0	10 37.9	10 31.0	10 24.4	10 18.0	10 11.9	10 06.2	10 00.8	9 55.5	9 50.3
65	11 16.9	11 11.6	11 03.9	10 56.4	10 49.1	10 42.0	10 35.2	10 28.5	10 22.1	10 16.0	10 10.4	10 04.9	9 59.5	9 54.4
66	11 21.0	11 15.7	11 08.0	11 00.5	10 53.2	10 46.1	10 39.3	10 32.6	10 26.2	10 20.2	10 14.5	10 09.1	10 03.8	9 58.6
67	11 25.2	11 19.9	11 12.2	11 04.7	10 57.5	10 50.4	10 43.5	10 36.8	10 30.4	10 24.4	10 18.8	10 13.4	10 08.1	10 02.8
68	11 29.4	11 24.1	11 16.4	11 08.9	11 01.7	10 54.6	10 47.8	10 41.1	10 34.7	10 28.6	10 23.0	10 17.6	10 12.3	10 07.1
69	11 33.6	11 28.3	11 20.6	11 13.1	11 05.9	10 58.8	10 52.0	10 45.3	10 38.9	10 32.9	10 27.3	10 21.9	10 16.5	10 11.4
70	11 37.8	11 32.5	11 24.8	11 17.3	11 10.1	11 03.0	10 56.2	10 49.5	10 43.1	10 37.1	10 31.5	10 26.1	10 20.8	10 15.6
71	11 42.0	11 36.7	11 29.0	11 21.5	11 14.3	11 07.2	11 00.4	10 53.7	10 47.3	10 41.3	10 35.7	10 30.4	10 25.1	10 19.9
72	11 46.3	11 41.0	11 33.3	11 25.8	11 18.6	11 11.5	11 04.7	10 58.0	10 51.6	10 45.7	10 40.1	10 34.7	10 29.4	10 24.2
73	11 50.5	11 45.2	11 37.5	11 30.0	11 22.8	11 15.7	11 09.0	11 02.2	10 55.9	10 49.9	10 44.3	10 38.9	10 33.6	10 28.4
74	11 54.8	11 49.5	11 41.8	11 34.3	11 27.1	11 20.0	11 13.3	11 06.6	11 00.2	10 54.2	10 48.6	10 43.3	10 38.0	10 32.8
75	11 59.1	11 53.8	11 46.1	11 38.6	11 31.4	11 24.3	11 17.6	11 10.9	11 04.5	10 58.5	10 53.0	10 47.6	10 42.3	10 37.1
76	12 03.4	11 58.1	11 50.4	11 42.9	11 35.7	11 28.6	11 21.9	11 15.2	11 08.8	11 02.9	10 57.3	10 51.9	10 46.6	10 41.5
77	12 07.7	12 02.4	11 54.7	11 47.2	11 40.0	11 32.9	11 26.2	11 19.5	11 13.1	11 07.2	11 01.6	10 56.2	10 50.9	10 45.8
78	12 12.0	12 06.7	11 59.0	11 51.5	11 44.3	11 37.2	11 30.4	11 23.7	11 17.4	11 11.5	11 05.9	11 00.5	10 55.2	10 50.1
79	12 16.3	12 11.0	12 03.3	11 55.8	11 48.6	11 41.5	11 34.7	11 28.0	11 21.7	11 15.8	11 10.2	11 04.8	10 59.5	10 54.4
80	12 20.6	12 15.3	12 07.6	12 00.1	11 52.9	11 45.8	11 39.0	11 32.3	11 26.0	11 20.1	11 14.5	11 09.1	11 03.8	10 58.7

BRANCH

PCS

TIMES OF

Depth  $h =$

A	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
0	12	05.0	11	59.6	11	51.5	11	43.6	11	35.9	11	28.4	11	21.1	11	13.9	11	07.0	11	00.5	10	54.2	10	48.2	10	42.2	10	36.2
1	12	05.1	11	59.7	11	51.6	11	43.7	11	36.0	11	28.5	11	21.2	11	14.0	11	07.1	11	00.6	10	54.3	10	48.3	10	42.3	10	36.3
2	12	05.2	11	59.8	11	51.7	11	43.8	11	36.1	11	28.6	11	21.3	11	14.1	11	07.2	11	00.7	10	54.4	10	48.4	10	42.4	10	36.4
3	12	05.5	12	00.1	11	52.1	11	44.1	11	36.4	11	28.9	11	21.6	11	14.5	11	07.6	11	01.0	10	54.8	10	48.6	10	42.7	10	36.7
4	12	06.0	12	00.6	12	52.6	11	44.7	11	36.9	11	29.4	11	22.1	11	15.0	11	08.1	11	01.5	10	55.3	10	49.3	10	43.2	10	37.2
5	12	06.5	12	01.1	11	53.1	11	45.2	11	37.4	11	29.9	11	22.6	11	15.5	11	08.6	11	02.1	10	55.8	10	49.8	10	43.8	10	37.7
6	12	07.2	12	01.8	11	53.8	11	45.7	11	38.2	11	30.6	11	23.3	11	16.2	11	09.3	11	02.8	10	56.5	10	50.5	10	44.5	10	38.5
7	12	08.0	12	02.6	11	54.6	11	46.7	11	39.0	11	31.4	11	24.2	11	17.0	11	10.1	11	03.6	10	57.4	10	51.4	10	45.3	10	39.3
8	12	09.0	12	03.6	11	55.6	11	47.7	11	40.0	11	32.5	11	25.2	11	18.1	11	11.2	11	04.6	10	58.4	10	52.4	10	46.4	10	40.4
9	12	10.0	12	04.6	11	56.6	11	48.7	11	41.0	11	33.5	11	26.2	11	19.1	11	12.2	11	05.7	10	59.5	10	53.5	10	47.4	10	41.4
10	12	11.2	12	05.8	11	57.8	11	49.9	11	42.2	11	34.7	11	27.4	11	20.3	11	13.4	11	06.9	11	00.7	10	54.7	10	48.7	10	42.7
11	12	12.5	12	07.1	11	59.1	11	51.2	11	43.5	11	36.0	11	28.7	11	21.6	11	14.7	11	08.2	11	02.1	10	56.1	10	50.1	10	44.1
12	12	13.9	12	08.5	12	00.5	11	52.6	11	44.9	11	37.5	11	30.1	11	23.0	11	16.1	11	09.7	11	03.5	10	57.5	10	51.6	10	45.6
13	12	15.4	12	10.0	12	02.0	11	54.1	11	46.5	11	39.0	11	31.7	11	24.5	11	17.7	11	11.2	11	05.1	10	59.1	10	53.1	10	47.2
14	12	17.1	12	11.7	12	03.7	11	55.6	11	48.2	11	40.7	11	33.4	11	26.3	11	19.4	11	13.0	11	06.6	10	60.6	10	54.6	10	48.6
15	12	18.8	12	13.4	12	05.4	11	57.5	11	49.9	11	42.5	11	35.1	11	28.0	11	21.1	11	14.7	11	08.6	10	61.6	10	55.6	10	49.6
16	12	20.6	12	15.2	12	07.2	11	59.3	11	51.7	11	44.3	11	36.9	11	29.8	11	23.0	11	16.6	11	10.4	10	62.6	10	56.6	10	50.6
17	12	22.6	12	17.2	12	09.2	12	01.4	11	53.7	11	46.3	11	39.0	11	31.9	11	25.0	11	18.6	11	12.5	11	06.5	11	00.7	10	54.9
18	12	24.7	12	19.3	12	11.3	12	03.5	11	55.9	11	48.4	11	41.1	11	34.0	11	27.2	11	20.8	11	14.7	11	08.7	11	02.9	10	57.1
19	12	26.8	12	21.4	12	13.4	12	05.6	11	58.0	11	50.6	11	43.3	11	36.2	11	29.3	11	22.9	11	16.8	11	10.9	11	05.1	10	59.5
20	12	29.1	12	23.7	12	15.7	12	07.9	12	00.3	11	52.9	11	45.6	11	38.5	11	31.7	11	25.3	11	19.2	11	13.3	11	07.5	11	01.7
21	12	31.5	12	26.1	12	18.1	12	10.3	12	02.7	11	55.3	11	48.1	11	41.0	11	34.2	11	27.8	11	21.7	11	15.8	11	10.0	11	04.2
22	12	33.9	12	28.5	12	20.5	12	12.7	12	05.1	11	57.8	11	50.5	11	43.4	11	36.6	11	30.2	11	24.2	11	18.3	11	12.5	11	06.7
23	12	36.5	12	31.1	12	23.1	12	15.4	12	07.8	12	00.4	11	53.2	11	46.1	11	39.3	11	32.9	11	26.8	11	21.0	11	15.2	11	09.5
24	12	39.1	12	33.7	12	25.7	12	18.0	12	10.4	12	03.0	11	55.8	11	48.7	11	42.0	11	35.6	11	29.5	11	23.7	11	17.9	11	12.2
25	12	41.9	12	36.6	12	28.6	12	20.8	12	13.2	12	05.9	11	58.7	11	51.6	11	44.8	11	38.4	11	32.4	11	26.6	11	20.9	11	15.1
26	12	44.8	12	39.5	12	31.5	12	23.7	12	16.1	12	08.8	12	61.6	11	54.6	11	47.8	11	41.4	11	35.4	11	29.6	11	23.9	11	18.1
27	12	47.7	12	42.4	12	34.4	12	26.7	12	19.0	12	11.7	12	04.6	11	57.5	11	50.8	11	44.4	11	38.4	11	32.6	11	26.9	11	21.1
28	12	50.8	12	45.5	12	37.5	12	29.8	12	22.2	12	14.3	12	07.7	12	00.7	11	54.0	11	47.6	11	41.5	11	35.8	11	30.1	11	24.4
29	12	53.9	12	48.6	12	40.6	12	32.9	12	25.3	12	18.0	12	10.9	12	03.8	11	57.1	11	50.7	11	44.7	11	39.0	11	33.2	11	27.6
30	12	57.1	12	51.8	12	43.8	12	36.1	12	28.5	12	21.2	12	14.1	12	07.1	12	00.4	11	54.0	11	48.0	11	42.3	11	36.6	11	30.9
31	13	00.4	12	55.1	12	47.1	12	39.4	12	31.8	12	24.5	12	17.5	12	10.5	12	03.8	11	57.4	11	51.4	11	45.7	11	40.0	11	34.3
32	13	03.7	12	58.4	12	50.4	12	42.7	12	35.1	12	27.9	12	20.8	12	13.8	12	07.1	12	00.7	11	54.8	11	49.1	11	43.4	11	37.8
33	13	07.2	13	01.9	12	53.9	12	46.2	12	38.7	12	31.4	12	24.3	12	17.4	12	10.3	12	04.3	11	58.3	11	52.7	11	47.0	11	41.4
34	13	10.7	13	05.4	12	57.4	12	49.7	12	42.2	12	34.9	12	27.9	12	20.9	12	14.3	12	07.9	12	01.9	11	56.3	11	50.6	11	45.0
35	13	14.2	13	08.9	13	01.0	12	53.3	12	45.7	12	38.5	12	31.4	12	24.5	12	17.8	12	11.5	12	05.5	11	59.9	11	54.2	11	48.6
36	13	17.8	13	12.5	13	04.6	12	56.9	12	49.3	12	42.1	12	35.1	12	28.1	12	21.5	12	15.1	12	09.2	12	03.5	11	57.9	11	52.4
37	13	21.5	13	16.2	13	08.3	13	00.6	12	53.0	12	45.8	12	38.8	12	31.9	12	25.2	12	18.9	12	13.0	12	07.3	12	01.7	11	56.2
38	13	25.2	13	19.9	13	12.0	13	04.3	12	56.8	12	49.5	12	42.5	12	35.6	12	29.0	12	22.7	12	16.7	12	11.1	12	05.5	12	00.0
39	13	29.0	13	23.7	13	15.8	13	08.1	13	00.6	12	53.4	12	46.4	12	39.5	12	32.9	12	26.5	12	20.6	12	15.0	12	09.4	12	04.0
40	13	32.9	13	27.6	13	19.7	13	12.0	13	04.5	12	57.3	12	50.3	12	43.4	12	36.8	12	30.5	12	24.6	12	19.0	12	13.4	12	08.0

Δ	Depth h =											
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
41	13 36.8	13 31.5	13 23.6	13 15.9	13 08.4	13 01.2	12 54.3	12 47.4	12 40.8	12 34.5	12 28.6	12 23.0
42	13 40.8	13 35.5	13 27.6	13 19.9	13 12.5	13 05.3	12 58.3	12 51.4	12 44.8	12 38.6	12 32.7	12 27.1
43	13 44.8	13 39.5	13 31.6	13 24.0	13 16.5	13 09.3	13 02.3	12 55.5	12 48.9	12 42.6	12 36.3	12 31.2
44	13 48.8	13 43.5	13 35.7	13 28.1	13 20.5	13 13.4	13 06.4	12 59.5	12 53.0	12 46.7	12 40.9	12 35.3
45	13 52.9	13 47.6	13 39.8	13 32.1	13 24.5	13 17.5	13 10.5	13 03.7	12 57.1	12 50.9	12 45.1	12 39.5
46	13 57.0	13 51.7	13 43.9	13 36.2	13 28.6	13 21.7	13 14.7	13 07.8	13 01.3	12 55.0	12 49.3	12 43.7
47	14 01.2	13 55.9	13 48.1	13 40.5	13 33.0	13 25.9	13 18.9	13 12.1	13 05.5	12 59.3	12 53.6	12 48.0
48	14 05.4	14 00.1	13 52.3	13 44.7	13 37.3	13 30.1	13 23.1	13 16.3	13 09.8	13 03.6	12 57.8	12 52.3
49	14 09.6	14 04.3	13 56.5	13 48.9	13 41.5	13 34.4	13 27.4	13 20.5	13 14.1	13 07.8	13 02.1	12 56.6
50	14 13.8	14 08.5	14 00.7	13 53.1	13 45.7	13 38.6	13 31.6	13 24.8	13 18.3	13 12.1	13 06.4	13 00.9
51	14 18.1	14 12.8	14 05.0	13 57.4	13 50.0	13 42.9	13 35.2	13 29.2	13 22.7	13 16.5	13 10.8	13 05.3
52	14 22.4	14 17.1	14 09.3	14 01.7	13 54.4	13 47.3	13 40.2	13 33.5	13 27.0	13 20.8	13 15.1	13 09.6
53	14 26.7	14 21.4	14 13.6	14 06.0	13 58.7	13 51.6	13 44.6	13 37.8	13 31.4	13 25.2	13 19.5	13 14.0
54	14 31.0	14 25.7	14 17.9	14 10.4	14 03.0	13 55.9	13 48.9	13 42.2	13 35.7	13 29.6	13 23.9	13 18.4
55	14 35.4	14 30.1	14 22.3	14 14.8	14 07.4	14 00.3	13 53.4	13 46.6	13 40.2	13 34.0	13 28.3	13 22.8
56	14 39.6	14 34.5	14 26.7	14 19.2	14 11.8	14 04.7	13 57.8	13 51.1	13 44.6	13 38.5	13 32.8	13 27.3
57	14 44.2	14 38.9	14 31.1	14 23.6	14 16.3	14 09.2	14 02.2	13 55.5	13 49.1	13 42.9	13 37.2	13 31.7
58	14 48.0	14 43.3	14 35.5	14 28.0	14 20.7	14 13.6	14 06.7	13 59.9	13 53.5	13 47.4	13 41.7	13 36.2
59	14 53.0	14 47.7	14 39.9	14 32.4	14 25.1	14 18.0	14 11.1	14 04.4	13 58.0	13 51.9	13 46.2	13 40.7
60	14 57.4	14 52.1	14 44.3	14 36.8	14 29.5	14 22.4	14 15.5	14 08.8	14 02.4	13 56.3	13 50.6	13 45.1
61	15 01.9	14 56.6	14 48.8	14 41.3	14 34.0	14 26.9	14 20.0	14 13.3	14 06.9	14 00.9	13 55.2	13 49.7
62	15 06.3	15 01.0	14 53.2	14 45.7	14 38.5	14 31.4	14 24.5	14 17.8	14 11.4	14 05.3	13 59.6	13 54.1
63	15 10.7	15 05.4	14 57.6	14 50.1	14 42.9	14 35.8	14 28.9	14 22.2	14 15.8	14 09.8	14 04.1	13 58.6
64	15 15.2	15 09.9	15 02.1	14 54.7	14 47.4	14 40.3	14 33.4	14 26.8	14 20.4	14 14.5	14 08.6	14 03.2
65	15 19.6	15 14.3	15 06.6	14 59.1	14 51.9	14 44.7	14 37.9	14 31.2	14 24.8	14 18.7	14 13.1	14 07.6
66	15 24.1	15 18.8	15 11.1	15 03.6	14 56.3	14 49.2	14 42.4	14 35.7	14 29.3	14 23.3	14 17.6	14 12.2
67	15 28.5	15 23.2	15 15.5	15 08.0	15 00.8	14 53.7	14 46.8	14 40.1	14 33.7	14 27.7	14 22.1	14 16.7
68	15 32.9	15 27.6	15 19.9	15 12.4	15 05.2	14 58.1	14 51.3	14 44.6	14 38.2	14 32.1	14 26.5	14 21.1
69	15 37.3	15 32.0	15 24.3	15 16.8	15 09.6	15 02.5	14 55.7	14 49.0	14 42.6	14 36.6	14 31.0	14 25.6
70	15 41.7	15 36.4	15 28.7	15 21.2	15 14.0	15 06.9	15 00.1	14 53.4	14 47.0	14 41.0	14 35.4	14 30.0

SCS BRANCH

TIMES OF

Depth  $h =$

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
0	15	35.7	15	26.5	15	12.1	14	58.0	14	44.2	14	30.6	14	17.4	14	04.5	13	52.1	13	40.2	13	28.8	13	17.8	13	07.1	12	56.7
1	15	35.8	15	26.6	15	12.2	14	58.1	14	44.3	14	30.7	14	17.5	14	04.6	13	52.3	13	40.3	13	28.9	13	17.9	13	07.2	12	56.8
2	15	36.1	15	26.9	15	12.5	14	58.4	14	44.6	14	31.0	14	17.8	14	04.9	13	52.6	13	40.7	13	29.2	13	18.2	13	07.5	12	57.2
3	15	36.5	15	27.3	15	12.9	14	58.8	14	45.0	14	31.4	14	18.2	14	05.4	13	53.0	13	41.1	13	29.7	13	18.7	13	07.9	12	57.6
4	15	37.1	15	27.9	15	13.5	14	59.4	14	45.6	14	32.1	14	18.9	14	06.0	13	53.7	13	41.7	13	30.4	13	19.3	13	08.6	12	58.2
5	15	37.9	15	28.7	15	14.4	15	00.2	14	46.4	14	32.9	14	19.7	14	06.8	13	54.5	13	42.6	13	31.2	13	20.2	13	09.4	12	59.1
6	15	38.9	15	29.7	15	15.4	15	01.3	14	47.4	14	33.9	14	20.7	14	07.9	13	55.6	13	43.6	13	32.3	13	21.2	13	10.5	13	00.2
7	15	40.1	15	30.9	15	16.6	15	02.5	14	48.7	14	35.1	14	21.9	14	09.1	13	56.8	13	44.9	13	33.5	13	22.6	13	11.8	13	01.4
8	15	41.4	15	32.2	15	17.9	15	03.8	14	50.0	14	36.5	14	23.2	14	10.4	13	58.1	13	46.2	13	34.9	13	23.8	13	13.1	13	02.8
9	15	42.9	15	33.7	15	19.4	15	05.3	14	51.5	14	38.0	14	24.8	14	12.0	13	59.7	13	47.8	13	36.4	13	25.4	13	14.7	13	04.4
10	15	44.6	15	35.4	15	21.1	15	07.0	14	53.2	14	39.7	14	26.5	14	13.7	14	01.6	13	49.5	13	38.2	13	27.2	13	16.5	13	06.2
11	15	46.5	15	37.3	15	23.0	15	08.9	14	55.1	14	41.6	14	28.4	14	15.7	14	03.4	13	51.5	13	40.3	13	29.2	13	18.5	13	08.2
12	15	48.5	15	39.3	15	25.0	15	10.9	14	57.2	14	43.7	14	30.5	14	17.7	14	05.4	13	53.5	13	42.3	13	31.3	13	20.6	13	10.7
13	15	50.7	15	41.5	15	27.2	15	13.2	14	59.4	14	45.9	14	32.7	14	20.0	14	07.6	13	55.8	13	44.5	13	33.6	13	22.9	13	12.7
14	15	53.0	15	43.8	15	29.5	15	15.5	15	01.7	14	48.2	14	35.1	14	22.3	14	10.0	13	58.2	13	46.9	13	36.0	13	25.4	13	15.1
15	15	55.5	15	46.3	15	32.1	15	18.0	15	04.2	14	50.8	14	37.6	14	24.7	14	12.5	14	00.7	13	49.5	13	38.6	13	28.0	13	17.8
16	15	58.2	15	49.0	15	34.8	15	20.7	15	07.0	14	53.5	14	40.4	14	27.6	14	15.3	14	03.5	13	52.3	13	41.5	13	30.9	13	20.6
17	16	01.0	15	51.8	15	37.6	15	23.5	15	09.8	14	56.4	14	43.2	14	30.5	14	18.2	14	06.4	13	55.2	13	44.4	13	33.8	13	23.6
18	16	03.8	15	54.7	15	40.5	15	26.5	15	12.7	14	59.3	14	46.2	14	33.5	14	21.1	14	09.4	13	58.2	13	47.4	13	36.9	13	26.6
19	16	07.0	15	57.8	15	43.6	15	29.6	15	15.9	15	02.5	14	49.3	14	36.6	14	24.3	14	12.6	14	01.5	13	50.7	13	40.1	13	29.9
20	16	10.3	16	01.1	15	46.9	15	32.9	15	19.2	15	05.8	14	52.7	14	40.0	14	27.7	14	16.0	14	04.9	13	54.1	13	43.6	13	33.4
21	16	13.7	16	04.5	15	50.3	15	36.3	15	22.6	15	09.3	14	56.2	14	43.5	14	31.2	14	19.6	14	08.5	13	57.7	13	47.2	13	37.0
22	16	17.2	16	08.1	15	53.9	15	40.0	15	26.3	15	12.9	14	59.9	14	47.2	14	35.0	14	23.3	14	12.2	13	61.4	13	51.0	13	40.8
23	16	21.0	16	11.8	15	57.6	15	43.7	15	30.0	15	16.7	15	03.6	14	51.0	14	38.8	14	27.2	14	16.1	13	65.3	13	54.9	13	44.8
24	16	24.9	16	15.7	16	01.5	15	47.5	15	34.0	15	20.6	15	07.6	14	54.9	14	42.8	14	31.2	14	20.2	13	69.4	13	59.0	13	48.9
25	16	28.9	16	19.8	16	05.6	15	51.7	15	38.0	15	24.7	15	11.7	14	59.0	14	47.0	14	35.4	14	24.3	13	73.6	13	63.2	13	53.1
26	16	33.0	16	23.9	16	09.7	15	55.8	15	42.1	15	28.9	15	15.9	15	03.2	14	51.2	14	39.6	14	28.6	13	77.9	13	67.5	13	57.5
27	16	37.3	16	28.2	16	14.0	16	00.1	15	46.5	15	33.2	15	20.3	15	07.6	14	55.7	14	44.1	14	33.1	13	82.3	13	72.0	13	62.0
28	16	41.7	16	32.6	16	18.4	16	04.5	15	50.9	15	37.7	15	24.7	15	12.1	15	00.2	14	48.7	14	37.7	13	86.9	13	76.6	13	66.6
29	16	46.3	16	37.2	16	23.3	16	09.2	15	55.6	15	42.3	15	29.4	15	16.8	15	05.0	14	53.4	14	42.4	13	91.7	13	81.4	13	71.5
30	16	51.0	16	41.9	16	27.7	16	13.9	16	00.3	15	47.1	15	34.2	15	21.6	15	09.8	14	58.3	14	47.3	13	96.6	13	86.3	13	76.4
31	16	55.8	16	46.7	16	32.5	16	18.7	16	05.2	15	52.0	15	39.1	15	26.5	15	14.7	15	03.2	14	52.3	13	101.5	13	91.3	13	81.4
32	17	00.8	16	51.7	16	37.5	16	23.8	16	10.2	15	57.0	15	44.2	15	31.6	15	19.8	15	08.4	14	57.4	13	106.8	13	96.5	13	86.7
33	17	05.9	16	56.8	16	42.7	16	28.9	16	15.4	16	02.2	15	49.3	15	36.8	15	25.1	15	13.6	14	52.5	13	112.0	13	101.8	13	91.9
34	17	11.1	17	02.0	16	47.9	16	34.1	16	20.6	16	07.4	15	54.6	15	42.1	15	30.4	15	18.9	14	57.6	13	117.4	13	107.2	13	97.4
35	17	16.4	17	07.3	16	53.2	16	39.5	16	26.0	16	12.8	16	00.0	15	47.6	15	35.8	15	24.4	14	53.4	13	122.9	13	112.7	13	102.9
36	17	21.8	17	12.7	16	58.6	16	44.9	16	31.4	16	18.3	16	05.5	15	53.1	15	41.3	15	29.9	14	59.0	13	128.4	13	118.2	13	108.5
37	17	27.4	17	18.3	17	04.3	16	50.5	16	37.1	16	23.9	16	11.2	15	58.5	15	47.0	15	35.6	14	64.7	13	134.0	13	124.0	13	114.3
38	17	33.0	17	23.9	17	09.9	16	56.1	16	42.7	16	29.6	16	16.8	16	04.5	15	52.7	15	41.4	14	70.4	13	139.5	13	129.5	13	119.8
39	17	38.8	17	29.7	17	15.7	17	02.0	16	48.6	16	35.4	16	22.7	16	10.4	15	58.6	15	47.3	14	76.3	13	145.0	13	135.0	13	125.2
40	17	44.6	17	35.5	17	21.5	17	07.8	16	54.4	16	41.3	16	28.6	16	16.3	16	04.5	15	53.2	14	82.3	13	151.0	13	141.0	13	131.2

$\Delta$	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
41	m 17 50.5	m 17 41.4	m 17 37.4	m 17 33.7	m 17 30.4	m 16 47.2	m 16 34.6	m 16 22.3	m 16 10.5	m 15 59.2	m 15 48.4	m 15 38.0	m 15 27.9	m 15 18.3
42	m 17 56.5	m 17 47.4	m 17 43.4	m 17 39.8	m 17 36.4	m 16 53.4	m 16 40.7	m 16 28.3	m 16 16.6	m 16 05.4	m 15 54.5	m 15 44.2	m 15 34.1	m 15 24.6
43	m 18 02.9	m 17 53.5	m 17 49.5	m 17 45.9	m 17 42.6	m 16 59.5	m 16 46.9	m 16 34.6	m 16 22.9	m 16 11.6	m 16 00.8	m 15 50.5	m 15 40.4	m 15 30.9
44	m 18 08.8	m 17 59.7	m 17 55.7	m 17 52.1	m 17 48.8	m 17 05.8	m 16 53.2	m 16 40.9	m 16 29.2	m 16 17.9	m 16 07.2	m 15 56.8	m 15 46.9	m 15 37.4
45	m 18 15.1	m 18 06.0	m 17 52.1	m 17 48.5	m 17 45.2	m 17 12.2	m 16 59.6	m 16 47.3	m 16 35.6	m 16 24.4	m 16 13.6	m 16 03.3	m 15 53.4	m 15 43.9
46	m 18 21.5	m 18 12.4	m 17 58.5	m 17 54.9	m 17 51.6	m 17 18.6	m 17 06.1	m 16 53.8	m 16 42.1	m 16 30.9	m 16 20.2	m 16 09.9	m 16 00.0	m 15 50.5
47	m 18 28.0	m 18 18.9	m 18 05.0	m 17 51.4	m 17 47.7	m 17 25.2	m 17 12.7	m 17 00.4	m 16 48.7	m 16 37.5	m 16 26.8	m 16 16.6	m 16 06.7	m 15 57.2
48	m 18 34.5	m 18 25.4	m 18 11.5	m 17 58.0	m 17 54.7	m 17 31.8	m 17 19.2	m 17 07.0	m 16 55.3	m 16 44.2	m 16 33.5	m 16 23.3	m 16 13.4	m 16 04.0
49	m 18 41.1	m 18 32.0	m 18 18.1	m 18 04.6	m 17 51.4	m 17 38.4	m 17 25.9	m 17 13.7	m 17 02.0	m 16 50.9	m 16 40.3	m 16 30.0	m 16 20.2	m 16 10.8
50	m 18 47.6	m 18 38.7	m 18 24.8	m 18 11.3	m 17 58.1	m 17 45.2	m 17 32.7	m 17 20.5	m 17 08.8	m 16 57.7	m 16 47.1	m 16 36.9	m 16 27.1	m 16 17.7
51	m 18 54.6	m 18 45.5	m 18 31.6	m 18 18.1	m 18 04.9	m 17 52.1	m 17 39.6	m 17 27.4	m 17 15.7	m 17 04.6	m 16 54.0	m 16 43.9	m 16 34.1	m 16 24.7
52	m 19 01.5	m 18 52.4	m 18 38.5	m 18 25.1	m 18 11.9	m 17 59.0	m 17 46.5	m 17 34.3	m 17 22.7	m 17 11.6	m 17 01.1	m 16 50.9	m 16 41.2	m 16 31.8
53	m 19 08.4	m 18 59.3	m 18 45.5	m 18 32.0	m 18 18.8	m 18 05.9	m 17 53.5	m 17 41.3	m 17 29.7	m 17 18.6	m 17 08.1	m 16 58.0	m 16 48.2	m 16 38.9
54	m 19 15.4	m 19 06.3	m 18 52.5	m 18 39.0	m 18 25.8	m 18 13.0	m 18 00.5	m 17 48.4	m 17 36.7	m 17 25.7	m 17 15.2	m 17 05.1	m 16 55.4	m 16 46.1
55	m 19 22.5	m 19 13.5	m 18 59.6	m 18 46.1	m 18 33.0	m 18 20.1	m 18 07.7	m 17 55.5	m 17 43.8	m 17 32.9	m 17 22.5	m 17 12.4	m 17 02.7	m 16 53.4
56	m 19 29.6	m 19 20.6	m 19 06.7	m 18 53.2	m 18 40.1	m 18 27.3	m 18 14.8	m 18 02.7	m 17 51.1	m 17 40.1	m 17 29.7	m 17 19.6	m 17 09.9	m 17 00.6
57	m 19 36.8	m 19 27.8	m 19 13.9	m 19 00.4	m 18 47.3	m 18 34.5	m 18 22.1	m 18 09.9	m 17 58.4	m 17 47.4	m 17 37.0	m 17 26.9	m 17 17.3	m 17 08.0
58	m 19 44.1	m 19 35.1	m 19 21.3	m 19 07.8	m 18 54.7	m 18 41.8	m 18 29.4	m 18 17.3	m 18 05.8	m 17 54.8	m 17 44.4	m 17 34.4	m 17 24.7	m 17 15.5
59	m 19 51.4	m 19 42.4	m 19 28.5	m 19 15.1	m 19 02.0	m 18 49.2	m 18 36.8	m 18 24.6	m 18 13.1	m 18 02.2	m 17 51.8	m 17 41.8	m 17 32.2	m 17 22.9
60	m 19 58.8	m 19 49.8	m 19 36.0	m 19 22.5	m 19 09.4	m 18 56.6	m 18 44.2	m 18 32.1	m 18 20.6	m 18 09.7	m 17 59.3	m 17 49.3	m 17 39.7	m 17 30.5
61	m 20 06.2	m 19 57.2	m 19 43.4	m 19 29.9	m 19 16.8	m 19 04.1	m 18 51.7	m 18 39.6	m 18 28.1	m 18 17.2	m 18 06.8	m 17 56.8	m 17 47.3	m 17 38.1
62	m 20 13.7	m 20 04.7	m 19 51.0	m 19 37.5	m 19 24.4	m 19 11.6	m 18 59.2	m 18 47.2	m 18 35.7	m 18 24.8	m 18 14.4	m 18 04.4	m 17 54.9	m 17 45.7
63	m 20 21.2	m 20 12.2	m 19 58.5	m 19 45.0	m 19 31.9	m 19 19.1	m 19 06.8	m 18 54.8	m 18 43.3	m 18 32.4	m 18 22.0	m 18 12.1	m 18 02.5	m 17 53.4
64	m 20 28.8	m 20 19.8	m 20 06.1	m 19 52.6	m 19 39.5	m 19 26.5	m 19 14.4	m 19 02.4	m 18 50.9	m 18 40.1	m 18 29.7	m 18 19.8	m 18 10.3	m 18 01.2
65	m 20 36.4	m 20 27.4	m 20 13.7	m 20 00.3	m 19 47.2	m 19 34.4	m 19 22.1	m 19 10.1	m 18 58.6	m 18 47.7	m 18 37.4	m 18 27.5	m 18 18.0	m 18 08.9
66	m 20 44.1	m 20 35.1	m 20 21.4	m 20 08.0	m 19 54.9	m 19 42.2	m 19 29.8	m 19 17.9	m 19 06.4	m 18 55.5	m 18 45.2	m 18 35.3	m 18 25.6	m 18 15.8
67	m 20 51.8	m 20 42.8	m 20 29.2	m 20 15.7	m 20 02.6	m 19 49.9	m 19 37.6	m 19 25.7	m 19 14.2	m 19 03.3	m 18 53.0	m 18 43.1	m 18 33.7	m 18 24.6
68	m 20 59.6	m 20 50.6	m 20 37.0	m 20 23.5	m 20 10.5	m 19 57.7	m 19 45.4	m 19 33.6	m 19 22.1	m 19 11.2	m 19 00.8	m 18 51.0	m 18 41.6	m 18 32.5
69	m 21 07.2	m 20 58.4	m 20 44.8	m 20 31.4	m 20 18.3	m 20 05.6	m 19 53.3	m 19 41.4	m 19 29.9	m 19 19.0	m 19 08.7	m 18 58.9	m 18 49.5	m 18 40.5
70	m 21 15.2	m 21 06.2	m 20 52.6	m 20 39.2	m 20 26.1	m 20 13.4	m 20 01.1	m 19 49.3	m 19 37.8	m 19 26.9	m 19 16.6	m 19 06.8	m 18 57.4	m 18 48.4
71	m 21 23.1	m 21 14.1	m 21 00.5	m 20 47.1	m 20 34.0	m 20 21.3	m 20 09.1	m 19 57.3	m 19 45.8	m 19 34.9	m 19 24.6	m 19 14.8	m 19 05.4	m 18 56.4
72	m 21 31.0	m 21 22.0	m 21 08.4	m 20 55.1	m 20 42.0	m 20 29.3	m 20 17.0	m 20 05.2	m 19 53.7	m 19 42.8	m 19 32.6	m 19 22.8	m 19 13.4	m 19 04.5
73	m 21 39.0	m 21 30.0	m 21 16.4	m 21 03.1	m 20 50.0	m 20 37.3	m 20 25.0	m 20 13.3	m 20 01.8	m 19 50.9	m 19 40.7	m 19 30.9	m 19 21.5	m 19 12.6
74	m 21 47.0	m 21 38.0	m 21 24.4	m 21 11.1	m 20 58.0	m 20 45.3	m 20 33.1	m 20 21.4	m 20 09.3	m 19 59.0	m 19 48.7	m 19 39.0	m 19 29.6	m 19 20.7
75	m 21 55.0	m 21 46.0	m 21 32.4	m 21 19.1	m 21 06.0	m 20 53.4	m 20 41.3	m 20 29.4	m 20 17.9	m 20 07.0	m 19 56.8	m 19 47.1	m 19 37.7	m 19 28.3
76	m 22 03.1	m 21 54.1	m 21 40.5	m 21 27.2	m 21 14.1	m 21 01.5	m 20 49.5	m 20 37.5	m 20 26.1	m 20 15.2	m 20 05.0	m 19 55.3	m 19 45.9	m 19 37.0
77	m 22 11.1	m 22 02.1	m 21 48.5	m 21 35.2	m 21 22.2	m 21 09.5	m 20 57.3	m 20 45.6	m 20 34.1	m 20 23.3	m 20 13.1	m 20 03.4	m 19 54.0	m 19 45.1
78	m 22 19.2	m 22 10.2	m 21 56.6	m 21 43.3	m 21 30.3	m 21 17.7	m 21 05.4	m 20 53.7	m 20 42.2	m 20 31.4	m 20 21.2	m 20 11.5	m 20 02.2	m 19 53.3
79	m 22 27.4	m 22 18.4	m 22 04.8	m 21 51.5	m 21 38.5	m 21 25.9	m 21 13.7	m 21 01.3	m 20 50.5	m 20 39.7	m 20 29.5	m 20 19.8	m 20 10.5	m 20 01.6
80	m 22 35.5	m 22 26.5	m 22 12.9	m 21 59.6	m 21 46.6	m 21 34.0	m 21 21.8	m 21 10.0	m 20 58.6	m 20 47.8	m 20 37.7	m 20 28.0	m 20 18.7	m 20 09.8

TIMES OF SCP  
 BRANCH

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
0	12	05.0	11	55.3	11	41.3	11	27.3	11	13.5	10	59.3	10	45.7	10	33.8	10	21.4	10	09.5	9	58.1	9	47.1	9	36.4	9	26.0
1	12	05.1	11	55.9	11	41.5	11	27.4	11	13.6	11	00.1	10	46.8	10	33.9	10	21.6	10	09.6	9	58.2	9	47.2	9	36.5	9	26.1
2	12	05.2	11	56.0	11	41.6	11	27.5	11	13.7	11	00.2	10	46.9	10	34.0	10	21.7	10	09.7	9	58.3	9	47.3	9	36.6	9	26.2
3	12	05.5	11	56.3	11	41.9	11	27.8	11	14.0	11	00.4	10	47.2	10	34.4	10	22.0	10	10.1	9	58.4	9	47.7	9	36.9	9	26.6
4	12	06.0	11	56.8	11	42.4	11	28.3	11	14.5	11	01.0	10	47.8	10	34.9	10	22.6	10	10.6	9	58.7	9	48.2	9	37.3	9	27.1
5	12	06.5	11	57.3	11	43.0	11	29.8	11	15.0	11	01.5	10	48.3	10	35.4	10	23.1	10	11.2	9	59.0	9	48.8	9	38.0	9	27.7
6	12	07.2	11	58.0	11	43.7	11	29.6	11	15.7	11	02.2	10	49.0	10	36.2	10	23.9	10	11.9	9	59.3	9	49.5	9	38.8	9	28.5
7	12	08.0	11	58.8	11	44.5	11	30.4	11	16.6	11	03.0	10	49.8	10	37.0	10	24.7	10	12.8	9	59.6	9	50.4	9	39.6	9	29.3
8	12	09.0	11	59.8	11	45.5	11	31.4	11	17.6	11	04.1	10	50.8	10	38.0	10	25.7	10	13.8	9	59.9	9	51.4	9	40.7	9	30.4
9	12	10.0	12	00.8	11	46.5	11	32.4	11	18.6	11	05.1	10	51.9	10	39.1	10	26.8	10	14.9	9	60.2	9	52.5	9	41.8	9	31.5
10	12	11.2	12	02.0	11	47.7	11	33.6	11	19.8	11	06.3	10	53.1	10	40.3	10	28.0	10	16.1	9	60.5	9	53.8	9	43.1	9	32.6
11	12	12.5	12	03.3	11	49.0	11	34.9	11	21.1	11	07.6	10	54.4	10	41.7	10	29.4	10	17.5	9	60.8	9	55.2	9	44.5	9	33.7
12	12	13.9	12	04.7	11	50.4	11	36.3	11	22.6	11	09.1	10	55.9	10	43.1	10	30.8	10	18.9	9	61.1	9	56.7	9	46.0	9	34.7
13	12	15.4	12	06.2	11	51.9	11	37.9	11	24.1	11	10.6	10	57.4	10	44.7	10	32.3	10	20.5	9	61.4	9	58.3	9	47.6	9	35.7
14	12	17.1	12	07.9	11	53.6	11	39.6	11	25.8	11	12.3	10	59.2	10	46.4	10	34.1	10	22.3	9	61.7	9	60.1	9	49.5	9	36.2
15	12	18.8	12	09.6	11	55.4	11	41.3	11	27.5	11	14.1	11	00.9	10	48.2	10	35.8	10	24.0	9	62.0	9	61.9	9	51.7	9	41.1
16	12	20.6	12	11.4	11	57.2	11	43.1	11	29.4	11	15.9	11	02.8	10	50.1	10	37.7	10	25.9	9	62.3	9	63.9	9	53.3	9	43.0
17	12	22.6	12	13.4	11	59.2	11	45.1	11	31.4	11	18.0	11	04.8	10	52.1	10	39.8	10	28.0	9	62.6	9	66.0	9	55.4	9	45.2
18	12	24.7	12	15.5	12	01.3	11	47.3	11	33.5	11	20.1	11	07.0	10	54.3	10	41.9	10	30.2	9	62.9	9	68.2	9	57.7	9	47.4
19	12	26.8	12	17.6	12	03.4	11	49.4	11	35.7	11	22.3	11	09.1	10	56.4	10	44.1	10	32.4	9	63.2	9	70.5	9	59.9	9	49.7
20	12	29.1	12	19.9	12	05.7	11	51.7	11	38.0	11	24.6	11	11.5	10	58.8	10	46.5	10	34.8	9	63.5	9	72.9	9	62.4	9	52.2
21	12	31.5	12	22.3	12	08.1	11	54.1	11	40.4	11	27.5	11	14.0	11	01.3	10	49.0	10	37.4	9	63.8	9	75.3	9	65.0	9	54.8
22	12	33.9	12	24.7	12	10.5	11	56.6	11	42.9	11	29.5	11	16.5	11	03.8	10	51.6	10	39.9	9	64.1	9	77.7	9	67.6	9	57.4
23	12	36.5	12	27.3	12	13.1	11	59.2	11	45.5	11	32.2	11	19.1	11	06.5	10	54.3	10	42.7	9	64.4	9	80.1	9	70.4	9	60.3
24	12	39.1	12	29.9	12	15.7	12	01.8	11	48.2	11	34.8	11	21.8	11	09.1	10	57.0	10	45.4	9	64.7	9	82.6	9	73.2	9	63.1
25	12	41.9	12	32.8	12	18.6	12	04.7	11	51.0	11	37.7	11	24.7	11	12.0	10	60.0	10	48.4	9	65.0	9	85.0	9	76.0	9	66.1
26	12	44.8	12	35.7	12	21.5	12	07.6	11	53.9	11	40.7	11	27.7	11	15.0	10	63.0	10	51.5	9	65.3	9	87.9	9	78.9	9	69.3
27	12	47.7	12	38.6	12	24.4	12	10.5	11	56.9	11	43.6	11	30.7	11	18.0	10	66.1	10	54.5	9	65.6	9	90.8	9	81.8	9	72.4
28	12	50.8	12	41.7	12	27.5	12	13.6	12	00.0	11	46.8	11	33.8	11	21.2	10	69.3	10	57.8	9	65.9	9	93.7	9	84.7	9	75.7
29	12	53.9	12	44.8	12	30.6	12	16.8	12	03.2	11	49.9	11	37.0	11	24.4	10	72.6	10	61.3	9	66.2	9	96.6	9	87.6	9	79.1
30	12	57.1	12	48.0	12	33.8	12	20.0	12	06.4	11	53.2	11	40.3	11	27.7	10	75.9	10	64.4	9	66.5	9	99.5	9	90.5	9	82.5
31	13	00.4	12	51.3	12	37.1	12	23.3	12	09.8	11	56.6	11	43.7	11	31.1	10	79.3	10	67.5	9	66.8	9	102.4	9	93.4	9	85.4
32	13	03.7	12	54.6	12	40.4	12	26.7	12	13.1	11	59.9	11	47.1	11	34.5	10	82.7	10	70.6	9	67.1	9	105.3	9	96.3	9	88.3
33	13	07.2	12	58.1	12	44.0	12	30.2	12	16.7	12	03.5	11	50.6	11	38.1	10	86.0	10	73.7	9	67.4	9	108.2	9	99.2	9	91.2
34	13	10.7	13	01.6	12	47.5	12	33.7	12	20.2	12	07.0	11	54.2	11	41.7	10	89.4	10	76.8	9	67.7	9	111.1	9	102.1	9	94.1
35	13	14.2	13	05.1	12	51.0	12	37.3	12	23.8	12	10.6	11	57.8	11	45.4	10	92.7	10	80.1	9	68.0	9	114.0	9	105.0	9	97.0
36	13	17.8	13	08.7	12	54.6	12	40.9	12	27.4	12	14.3	12	01.5	11	49.1	10	96.0	10	83.2	9	68.3	9	116.9	9	107.9	9	100.0
37	13	21.5	13	12.4	12	58.4	12	44.8	12	31.2	12	18.0	12	05.3	11	52.9	10	99.3	10	86.5	9	68.6	9	119.8	9	110.8	9	102.9
38	13	25.2	13	16.1	13	02.1	12	48.3	12	34.9	12	21.0	12	09.0	11	56.7	10	102.6	10	89.8	9	68.9	9	122.7	9	113.7	9	105.8
39	13	29.0	13	19.9	13	05.9	12	52.2	12	38.8	12	25.6	12	12.9	12	00.6	10	105.9	10	93.1	9	69.2	9	125.6	9	116.6	9	108.7
40	13	32.9	13	23.8	13	09.8	12	56.1	12	42.7	12	29.6	12	16.9	12	04.6	10	109.2	10	96.4	9	69.5	9	128.5	9	119.5	9	111.6

Depth  $h =$ 

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
41	13	36.8	13	27.7	13	13.7	13	00.0	12	46.7	12	33.6	12	20.9	12	08.6	11	56.8	11	45.5	11	34.7	11	24.3	11	14.2	11	04.6
42	13	40.8	13	31.7	13	17.7	13	04.1	12	50.7	12	37.7	12	25.0	12	12.7	12	00.9	11	49.7	11	38.8	11	28.5	11	18.4	11	08.9
43	13	44.8	13	35.7	13	21.7	13	08.1	12	54.8	12	41.7	12	29.1	12	16.8	12	05.1	11	53.8	11	43.0	11	32.7	11	22.6	11	13.1
44	13	48.8	13	39.7	13	25.7	13	12.1	12	58.8	12	45.8	12	33.2	12	20.9	12	09.2	12	57.9	11	47.2	11	36.8	11	26.9	11	17.4
45	13	52.9	13	43.8	13	29.9	13	16.3	13	03.0	12	50.0	12	37.4	12	25.1	12	13.4	12	02.2	11	51.4	11	41.1	11	31.2	11	21.7
46	13	57.0	13	47.9	13	34.0	13	20.4	13	07.1	12	54.1	12	41.6	12	29.3	12	17.6	12	06.4	11	55.7	11	45.4	11	35.5	11	26.0
47	14	01.2	13	52.1	13	38.2	13	24.6	13	11.4	12	58.4	12	45.9	12	33.6	12	21.9	12	10.7	12	00.0	11	49.8	11	39.9	11	30.4
48	14	05.4	13	56.3	13	42.4	13	28.9	13	15.6	13	02.7	12	50.1	12	37.9	12	26.2	12	15.1	12	04.4	11	54.2	11	44.3	11	34.9
49	14	09.6	14	00.5	13	46.6	13	33.1	13	19.9	13	06.9	12	54.4	12	42.2	12	30.5	12	19.4	12	08.6	11	58.5	11	48.7	11	39.3
50	14	13.8	14	04.7	13	50.8	13	37.3	13	24.1	13	11.2	12	58.7	12	46.5	12	34.9	12	23.7	12	13.1	12	02.9	11	53.1	11	43.7
51	14	18.1	14	09.0	13	55.1	13	41.6	13	28.4	13	15.6	13	03.1	12	50.9	12	39.2	12	28.1	12	17.5	12	07.4	11	57.6	11	48.2
52	14	22.4	14	13.3	13	59.4	13	46.0	13	32.3	13	19.9	13	07.4	12	55.2	12	43.6	12	32.5	12	22.0	12	11.8	12	02.1	11	52.7
53	14	26.7	14	17.6	14	03.8	14	50.3	13	37.1	13	24.2	13	11.8	12	59.6	12	48.0	12	36.9	12	26.4	12	16.3	12	06.5	11	57.2
54	14	31.0	14	21.9	14	08.1	14	54.6	13	41.4	13	28.6	13	16.1	13	04.0	12	52.3	12	41.3	12	30.8	12	20.7	12	11.0	12	01.7
55	14	35.4	14	26.4	14	12.5	14	59.0	13	45.9	13	33.0	13	20.6	13	08.4	12	56.8	12	45.8	12	35.4	12	25.3	12	15.6	12	06.3
56	14	39.8	14	30.8	14	16.9	14	03.4	13	50.3	13	37.5	13	25.0	13	12.9	13	01.3	12	50.3	12	39.9	12	29.8	12	20.1	12	10.8
57	14	41.2	14	35.2	14	21.3	14	07.8	13	54.7	13	41.9	13	29.5	13	17.3	13	05.8	12	54.8	12	44.4	12	34.3	12	24.7	12	15.4
58	14	48.6	14	39.6	14	25.8	14	12.3	13	59.2	13	46.3	13	33.9	13	21.8	13	10.3	12	59.3	12	48.9	12	38.9	12	29.2	12	20.0
59	14	53.0	14	44.0	14	30.2	14	16.7	14	03.6	13	50.8	13	38.4	13	26.2	13	14.7	13	03.8	12	53.4	12	43.4	12	33.8	12	24.5
60	14	57.4	14	48.4	14	34.6	14	21.1	14	08.0	13	55.2	13	42.8	13	30.7	13	19.2	13	08.3	12	57.9	12	47.9	12	38.3	12	29.1
61	15	01.0	14	52.9	14	39.1	14	25.5	14	12.5	13	59.3	13	47.4	13	35.3	13	23.8	13	12.9	13	02.5	12	52.5	12	43.0	12	33.8
62	15	06.3	14	57.3	14	43.6	14	30.1	14	17.0	14	04.2	13	51.8	13	39.6	13	28.3	13	17.4	13	07.0	12	57.0	12	47.5	12	38.3
63	15	10.7	15	01.7	14	48.0	14	34.5	14	21.4	14	08.6	13	56.3	13	44.3	13	32.8	13	21.9	13	11.5	13	01.6	12	52.0	12	42.9
64	15	15.2	15	06.2	14	52.5	14	39.0	14	25.9	14	13.2	14	05.3	13	48.8	13	37.3	13	26.5	13	16.1	13	06.2	12	56.7	12	47.6
65	15	19.6	15	10.6	14	56.9	14	43.5	14	30.4	14	17.6	14	05.3	13	53.3	13	41.8	13	30.9	13	20.6	13	10.7	13	01.2	12	52.1
66	15	24.1	15	15.1	15	01.4	14	48.0	14	34.9	14	22.2	14	09.6	13	57.9	13	46.4	13	35.5	13	25.2	13	15.3	13	05.8	12	56.5
67	15	28.5	15	19.5	15	05.9	14	52.4	14	39.3	14	26.6	14	14.3	14	02.4	13	50.9	13	40.0	13	29.7	13	19.8	13	10.4	13	01.3
68	15	32.9	15	23.9	15	10.3	14	56.9	14	43.8	14	31.0	14	18.7	14	06.9	13	55.4	13	44.5	13	34.3	13	24.3	13	14.9	13	05.2
69	15	37.3	15	28.3	15	14.7	15	01.3	14	48.2	14	35.5	14	23.2	14	11.3	13	59.8	13	48.9	13	38.6	13	28.8	13	19.4	13	10.4
70	15	41.7	15	32.7	15	19.1	15	05.7	14	52.6	14	39.9	14	27.6	14	15.8	14	04.3	13	53.4	13	43.1	13	33.3	13	23.9	13	14.9

TIMES OF PKP BRANCH AB

$\Delta$	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	s	m	s	m	s	m	s	m	s	m	s	m	s
143	19 33.5	19 28.2	19 20.6	19 13.1	19 05.8	18 58.7	18 51.8	28 45.2	18 38.7	18 32.7	18 27.2	18 22.0	18 16.9	18 11.8
144	19 36.8	19 31.5	19 23.9	19 16.4	19 09.1	19 02.0	18 55.1	18 48.5	18 42.0	18 36.0	18 30.5	18 25.3	18 20.2	18 15.1
145	19 40.4	19 35.1	19 27.5	19 20.0	19 12.7	19 05.6	18 58.7	18 52.1	18 45.6	18 39.6	18 34.1	18 28.9	18 23.0	18 18.7
146	19 44.2	19 38.9	19 31.3	19 23.8	19 16.5	19 09.4	19 02.5	18 55.9	18 49.4	18 43.4	18 37.9	18 32.7	18 27.6	18 22.5
147	19 48.1	19 42.8	19 35.2	19 27.7	19 20.4	19 13.3	19 06.4	18 59.8	18 53.3	18 47.3	18 41.8	18 36.6	18 31.5	18 26.4
148	19 52.0	19 46.7	19 39.1	19 31.6	19 24.3	19 17.2	19 10.3	19 03.7	18 57.2	18 51.2	18 45.7	18 40.5	18 35.4	18 30.3
149	19 56.1	19 50.8	19 43.2	19 35.7	19 28.4	19 21.3	19 14.4	19 07.8	19 01.3	18 55.3	18 49.8	18 44.6	18 39.5	18 34.4
150	20 00.2	19 54.9	19 47.3	19 39.8	19 32.5	19 25.4	19 18.5	19 11.9	19 05.4	18 59.4	18 53.9	18 48.7	18 43.6	18 38.5
151	20 04.4	19 59.1	19 51.5	19 44.0	19 36.7	19 29.6	19 22.7	19 16.1	19 09.6	19 03.6	18 58.1	18 52.9	18 47.8	18 42.7
152	20 08.6	20 03.3	19 55.7	19 48.2	19 40.9	19 33.8	19 26.9	19 20.3	19 13.8	19 07.8	19 02.3	18 57.1	18 52.0	18 46.9
153	20 12.8	20 07.5	19 59.9	19 52.4	19 45.1	19 38.0	19 31.1	19 24.5	19 18.0	19 12.0	19 06.5	19 01.3	18 56.2	18 51.1
154	20 17.0	20 11.7	20 04.1	19 56.6	19 49.3	19 42.2	19 35.2	19 28.7	19 22.2	19 16.2	19 10.7	19 05.5	19 00.4	18 55.3
155	20 21.2	20 15.9	20 08.3	20 00.8	19 53.5	19 46.4	19 39.5	19 32.9	19 26.4	19 20.4	19 14.9	19 09.7	19 04.6	18 59.5
156	20 25.5	20 20.2	20 12.6	20 05.1	19 57.8	19 50.7	19 43.8	19 37.2	19 30.7	19 24.7	19 19.2	19 14.0	19 08.9	19 03.8
157	20 29.8	20 24.5	20 16.9	20 09.4	20 02.1	19 55.0	19 48.1	19 41.5	19 35.0	19 29.0	19 23.5	19 18.3	19 13.2	19 08.1
158	20 34.1	20 28.8	20 21.2	20 13.7	20 06.4	19 59.3	19 52.4	19 45.8	19 39.3	19 33.3	19 27.8	19 22.6	19 17.5	19 12.4
159	20 38.4	20 33.1	20 25.5	20 18.0	20 10.7	20 03.6	19 56.7	19 50.1	19 43.6	19 37.6	19 32.1	19 26.9	19 21.8	19 16.7
160	20 42.7	20 37.4	20 29.8	20 22.3	20 15.0	20 07.9	20 01.0	19 54.4	19 47.9	19 41.9	19 36.4	19 31.2	19 26.1	19 21.0
161	20 47.0	20 41.7	20 34.1	20 26.6	20 19.3	20 12.2	20 05.3	19 58.7	19 52.2	19 46.2	19 40.7	19 35.5	19 30.4	19 25.3
162	20 51.4	20 46.1	20 38.5	20 31.0	20 23.7	20 16.6	20 09.7	20 03.1	19 56.6	19 50.6	19 45.1	19 39.9	19 34.8	19 29.7
163	20 55.7	20 50.4	20 42.8	20 35.3	20 28.0	20 20.9	20 14.0	20 07.4	20 00.9	19 54.9	19 49.4	19 44.2	19 39.1	19 34.0
164	21 00.1	20 54.8	20 47.2	20 39.7	20 32.4	20 25.3	20 18.4	20 11.8	20 05.3	19 59.3	19 53.8	19 48.6	19 43.5	19 38.4
165	21 04.4	20 59.1	20 51.5	20 44.0	20 36.7	20 29.6	20 22.7	20 16.1	20 09.6	20 03.6	19 58.1	19 52.9	19 47.8	19 42.7
166	21 08.8	21 03.5	20 55.9	20 48.4	20 41.1	20 34.0	20 27.1	20 20.5	20 14.0	20 08.0	20 02.5	19 57.3	19 52.2	19 47.1
167	21 13.1	21 07.8	21 00.2	20 52.7	20 45.4	20 38.3	20 31.4	20 24.8	20 18.3	20 12.3	20 06.8	20 01.6	19 56.5	19 51.4
168	21 17.5	21 12.2	21 04.6	20 57.1	20 49.8	20 42.7	20 35.8	20 29.2	20 22.7	20 16.7	20 11.2	20 06.0	20 00.9	19 55.8
169	21 21.9	21 16.6	21 09.0	21 01.5	20 54.2	20 47.1	20 40.2	20 33.6	20 27.1	20 21.1	20 15.6	20 10.4	20 05.3	20 00.2
170	21 26.3	21 21.0	21 13.4	21 05.9	20 58.6	20 51.5	20 44.6	20 38.0	20 31.5	20 25.5	20 20.0	20 14.8	20 09.7	20 04.6
171	21 30.6	21 25.5	21 17.9	21 10.4	21 03.1	20 56.0	20 49.1	20 42.5	20 36.0	20 30.0	20 24.5	20 19.3	20 14.2	20 09.1
172	21 35.2	21 29.9	21 22.3	21 14.8	21 07.5	21 00.4	20 53.5	20 46.9	20 40.4	20 34.4	20 28.9	20 23.7	20 18.6	20 13.5
173	21 39.6	21 34.3	21 26.7	21 19.2	21 11.9	21 04.8	20 57.9	20 51.3	20 44.9	20 38.8	20 33.3	20 28.1	20 23.0	20 17.9
174	21 44.1	21 38.8	21 31.2	21 23.7	21 16.4	21 09.3	21 02.4	20 55.8	20 49.3	20 43.3	20 37.8	20 32.6	20 27.5	20 22.4
175	21 48.5	21 43.2	21 35.6	21 28.1	21 20.8	21 13.7	21 06.8	21 00.2	20 53.7	20 47.7	20 42.2	20 37.0	20 31.9	20 26.8
176	21 52.9	21 47.6	21 40.0	21 32.5	21 25.2	21 18.1	21 11.2	21 04.6	20 58.1	20 52.1	20 46.6	20 41.4	20 36.3	20 31.2
177	21 57.4	21 52.1	21 44.5	21 37.0	21 29.7	21 22.6	21 15.7	21 09.1	21 02.6	20 56.6	20 51.1	20 45.9	20 40.8	20 35.7
178	22 01.8	21 56.5	21 48.9	21 41.4	21 34.1	21 27.0	21 20.1	21 13.5	21 07.0	21 01.0	20 55.5	20 50.3	20 45.2	20 40.1
179	22 06.2	22 00.9	21 53.3	21 45.8	21 38.5	21 31.4	21 24.5	21 17.9	21 11.4	21 05.4	20 59.9	20 54.7	20 49.6	20 44.5
180	22 10.6	22 05.3	21 57.7	21 50.2	21 42.9	21 35.8	21 28.9	21 22.3	21 15.8	21 09.8	21 04.3	20 59.1	20 54.0	20 48.9

Depth  $h =$ 

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
143	19	33.5	19	28.2	19	20.3	19	12.6	19	05.1	18	57.8	18	50.8	18	43.8	18	37.2	18	30.9	18	24.8	18	19.1	18	13.3	18	07.8
144	19	36.5	19	31.2	19	23.3	19	15.6	19	08.1	19	00.7	18	53.6	18	46.6	18	40.0	18	33.6	18	27.5	18	21.7	18	15.9	18	10.3
145	19	39.3	19	34.0	19	26.1	19	18.3	19	10.8	19	03.4	18	56.2	18	49.2	18	42.5	18	36.1	18	30.0	18	24.1	18	18.3	18	12.6
146	19	41.8	19	36.5	19	28.6	19	20.8	19	13.2	19	05.8	18	58.5	18	51.5	18	44.8	18	38.3	18	32.2	18	26.2	18	20.4	18	14.6
147	19	44.1	19	38.8	19	30.9	19	23.0	19	15.5	19	08.0	19	00.7	18	53.6	18	46.8	18	40.4	18	34.2	18	28.2	18	22.3	18	16.5

BRANCH DEF

	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
110	18	33.2	18	27.8	18	19.9	18	12.0	18	04.4	17	57.0	17	49.7	17	42.7	17	35.0	17	29.5	17	23.4	17	17.5	17	11.7	17	05.9
111	18	35.2	18	29.8	18	21.8	18	14.0	18	06.4	17	59.0	17	51.7	17	44.7	17	38.0	17	31.5	17	25.4	17	19.5	17	13.7	17	07.9
112	18	37.1	18	31.7	18	23.7	18	15.9	18	08.3	18	00.9	17	53.6	17	46.6	17	39.9	17	33.4	17	27.3	17	21.4	17	15.6	17	09.8
113	18	39.1	18	33.7	18	25.7	18	17.9	18	10.3	18	02.9	17	55.6	17	48.6	17	41.9	17	35.4	17	29.3	17	23.4	17	17.6	17	11.8
114	18	41.1	18	35.7	18	27.7	18	19.9	18	12.3	18	04.9	17	57.6	17	50.6	17	43.9	17	37.4	17	31.3	17	25.4	17	19.6	17	13.8
115	18	43.0	18	37.6	18	29.6	18	21.8	18	14.2	18	06.8	17	59.5	17	52.5	17	45.8	17	39.3	17	33.2	17	27.3	17	21.5	17	15.7
116	18	45.0	18	39.6	18	31.6	18	23.8	18	16.2	18	08.8	18	01.5	17	54.5	17	47.8	17	41.3	17	35.2	17	29.3	17	23.5	17	17.7
117	18	46.9	18	41.5	18	33.5	18	25.7	18	18.1	18	10.7	18	03.4	17	56.4	17	49.7	17	43.2	17	37.1	17	31.2	17	25.4	17	19.6
118	18	48.8	18	43.4	18	35.4	18	27.6	18	20.0	18	12.6	18	05.3	17	58.3	17	51.6	17	45.1	17	39.0	17	33.1	17	27.3	17	21.5
119	18	50.8	18	45.4	18	37.4	18	29.6	18	22.0	18	14.6	18	07.3	18	00.3	17	53.6	17	47.0	17	41.0	17	35.1	17	29.3	17	23.5
120	18	52.7	18	47.3	18	39.3	18	31.5	18	23.9	18	16.5	18	09.2	18	02.2	17	55.5	17	49.0	17	42.9	17	37.0	17	31.2	17	25.4
121	18	54.7	18	49.3	18	41.3	18	33.5	18	25.9	18	18.5	18	11.2	18	04.2	17	57.5	17	51.0	17	44.9	17	39.0	17	33.2	17	27.4
122	18	56.6	18	51.2	18	43.2	18	35.4	18	27.8	18	20.4	18	13.1	18	06.1	17	59.4	17	52.9	17	46.8	17	40.9	17	35.1	17	29.3
123	18	58.5	18	53.1	18	45.1	18	37.3	18	29.7	18	22.3	18	15.0	18	08.0	18	01.3	17	54.8	17	48.7	17	42.8	17	37.0	17	31.2
124	19	00.5	18	55.1	18	47.1	18	39.3	18	31.7	18	24.3	18	17.0	18	10.0	18	03.3	17	56.8	17	50.7	17	44.8	17	39.0	17	33.2
125	19	02.4	18	57.0	18	49.0	18	41.2	18	33.6	18	26.2	18	18.9	18	11.9	18	05.2	17	58.7	17	52.6	17	46.7	17	40.9	17	35.1
126	19	04.3	18	58.9	18	50.9	18	43.1	18	35.5	18	28.1	18	20.8	18	13.6	18	07.1	18	00.6	17	54.5	17	48.6	17	42.8	17	37.0
127	19	06.2	19	00.8	18	52.8	18	45.0	18	37.4	18	30.0	18	22.7	18	15.7	18	09.0	18	02.5	17	56.4	17	50.5	17	44.7	17	38.9
128	19	08.2	19	02.8	18	54.8	18	47.0	18	39.4	18	32.0	18	24.7	18	17.6	18	11.0	18	04.5	17	58.4	17	52.5	17	46.7	17	40.9
129	19	10.1	19	04.7	18	56.7	18	48.9	18	41.3	18	33.9	18	26.6	18	19.6	18	12.9	18	06.4	18	00.3	17	54.4	17	48.6	17	42.8
130	19	12.0	19	06.6	18	58.6	18	50.8	18	43.2	18	35.8	18	28.5	18	21.5	18	14.8	18	08.3	18	02.2	17	56.3	17	50.5	17	44.7
131	19	13.9	19	08.5	19	00.5	18	52.7	18	45.1	18	37.7	18	30.4	18	23.4	18	16.7	18	10.2	18	04.1	17	58.2	17	52.4	17	46.6
132	19	15.8	19	10.4	19	02.4	18	54.6	18	47.0	18	39.6	18	32.3	18	25.3	18	18.6	18	12.1	18	06.0	18	00.1	17	54.3	17	48.5
133	19	17.7	19	12.3	19	04.3	18	56.5	18	48.9	18	41.5	18	34.2	18	27.2	18	20.5	18	14.0	18	07.9	18	02.0	17	56.2	17	50.4
134	19	19.5	19	14.1	19	06.1	18	58.3	18	50.7	18	43.3	18	36.0	18	29.0	18	22.3	18	15.8	18	09.7	18	03.8	17	58.0	17	52.2
135	19	21.4	19	16.0	19	08.0	19	00.2	18	52.6	18	45.2	18	37.9	18	30.9	18	24.2	18	17.7	18	11.6	18	05.7	17	59.9	17	54.1
136	19	23.2	19	17.8	19	09.8	19	02.0	18	54.4	18	47.0	18	39.7	18	32.7	18	26.0	18	19.5	18	13.4	18	07.5	18	01.7	17	55.9
137	19	25.0	19	19.6	19	11.6	19	03.8	18	56.2	18	48.8	18	41.5	18	34.5	18	27.8	18	21.3	18	15.2	18	09.3	18	03.5	17	57.7
138	19	26.9	19	21.5	19	13.5	19	05.7	18	58.1	18	50.7	18	43.4	18	36.4	18	29.7	18	23.2	18	17.1	18	11.2	18	05.4	17	59.6
139	19	28.7	19	23.3	19	15.3	19	07.5	18	59.9	18	52.5	18	45.2	18	38.2	18	31.5	18	25.0	18	18.9	19	13.0	18	07.2	18	01.4
140	19	30.5	19	25.1	19	17.1	19	09.3	19	01.7	18	54.3	18	47.0	18	40.0	18	33.3	18	26.8	18	20.7	18	14.8	18	09.0	18	03.2

TIMES OF PKP      BRANCH   DEF

Depth  $h =$

A	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
141	19	32.3	19	26.9	19	18.9	19	11.1	19	03.5	18	56.1	18	48.8	18	41.8	18	35.1	18	28.6	18	22.5	18	16.6	18	10.8	18	05.0
142	19	34.0	19	28.7	19	20.8	19	13.1	19	05.6	18	58.4	18	51.4	18	44.5	18	37.9	18	31.6	18	25.6	18	19.9	18	14.2	18	08.7
143	19	35.7	19	30.4	19	22.5	19	14.8	19	07.3	19	00.0	18	53.0	18	46.0	18	39.4	18	33.1	18	27.0	18	21.3	18	15.5	18	10.0
144	19	37.4	19	32.1	19	24.2	19	16.5	19	09.0	19	01.6	18	54.5	18	47.5	18	40.9	18	34.5	18	28.4	18	22.6	18	16.8	18	11.2
145	19	39.2	19	33.9	19	26.0	19	18.2	19	10.7	19	03.3	18	56.1	18	49.1	18	42.4	18	36.0	18	29.9	18	24.0	18	18.2	18	12.5
146	19	40.9	19	35.6	19	27.7	19	19.9	19	12.3	19	04.9	18	57.6	18	50.6	18	43.9	18	37.4	18	31.3	18	25.3	18	19.5	18	13.7
147	19	42.6	19	37.3	19	29.4	19	21.5	19	14.0	19	06.5	18	59.2	18	52.1	18	45.3	18	38.9	18	32.7	18	26.7	18	20.8	18	15.0
148	19	44.2	19	38.9	19	30.9	19	23.0	19	15.5	19	08.0	19	00.6	18	53.5	18	46.8	18	40.3	18	34.1	18	28.1	18	22.2	18	16.3
149	19	45.8	19	40.4	19	32.5	19	24.6	19	17.0	19	09.5	19	02.1	18	55.0	18	48.2	18	41.7	18	35.6	18	29.6	18	23.6	18	17.7
150	19	47.4	19	42.0	19	34.0	19	26.1	19	18.5	19	11.0	19	03.7	18	56.6	18	51.2	18	44.7	18	38.6	18	32.6	18	26.6	18	20.6
151	19	48.9	19	43.5	19	35.5	19	27.6	19	19.9	19	12.4	19	05.1	18	58.0	18	52.6	18	46.1	18	40.0	18	34.0	18	28.0	18	22.0
152	19	50.4	19	45.0	19	36.9	19	29.0	19	21.3	19	13.9	19	06.6	18	59.4	18	53.5	18	46.9	18	40.9	18	34.9	18	28.9	18	22.8
153	19	51.3	19	45.8	19	37.8	19	29.9	19	22.2	19	14.7	19	07.4	19	00.3	18	53.5	18	46.9	18	40.9	18	34.9	18	28.9	18	22.8
154	19	52.2	19	47.7	19	39.7	19	31.7	19	24.0	19	16.6	19	09.3	19	02.1	18	55.3	18	48.8	18	42.7	18	36.7	18	30.6	18	24.7
155	19	53.5	19	49.0	19	40.9	19	33.0	19	25.3	19	17.6	19	10.5	19	03.4	18	56.6	18	50.0	18	44.0	18	38.0	18	31.9	18	25.9
156	19	55.8	19	50.3	19	42.2	19	34.3	19	26.6	19	19.1	19	11.9	19	04.7	18	57.9	18	51.3	18	45.3	18	39.3	18	33.2	18	27.2
157	19	57.2	19	51.7	19	43.6	19	35.7	19	28.0	19	20.5	19	13.3	19	06.1	18	59.3	18	52.7	18	46.7	18	40.7	18	34.6	18	28.6
158	19	58.5	19	53.0	19	45.0	19	37.1	19	29.3	19	21.9	19	14.6	19	07.5	19	00.6	18	54.1	18	48.0	18	42.1	18	36.0	18	30.0
159	19	59.7	19	54.3	19	46.2	19	38.3	19	30.6	19	23.1	19	15.8	19	08.7	19	01.8	18	55.3	18	49.3	18	43.3	18	37.2	18	31.2
160	20	00.8	19	55.4	19	47.4	19	39.5	19	31.8	19	24.3	19	17.0	19	09.9	19	03.0	18	56.5	18	50.4	18	44.4	18	38.4	18	32.4
161	20	01.8	19	56.4	19	48.4	19	40.5	19	32.8	19	25.3	19	18.0	19	10.9	19	04.0	18	57.5	18	51.4	18	45.4	18	39.4	18	33.4
162	20	02.8	19	57.4	19	49.4	19	41.5	19	33.8	19	26.3	19	19.0	19	11.9	19	05.0	18	58.5	18	52.3	18	46.3	18	40.3	18	34.3
163	20	03.8	19	58.4	19	50.4	19	42.5	19	34.8	19	27.3	19	20.0	19	12.8	19	05.9	18	59.4	18	53.3	18	47.3	18	41.3	18	35.3
164	20	04.8	19	59.4	19	51.4	19	43.5	19	35.8	19	28.3	19	21.0	19	13.8	19	06.9	19	00.4	18	54.3	18	48.3	18	42.3	18	36.3
165	20	05.8	20	00.4	19	52.4	19	44.5	19	36.8	19	29.3	19	22.0	19	14.8	19	07.9	19	01.4	18	55.3	18	49.3	18	43.3	18	37.2
166	20	06.7	20	01.3	19	53.2	19	45.3	19	37.6	19	30.1	19	22.8	19	15.7	19	08.8	19	02.3	18	56.1	18	50.1	18	44.1	18	38.1
167	20	07.4	20	02.0	19	53.9	19	46.0	19	38.3	19	30.8	19	23.5	19	16.4	19	09.5	19	03.0	18	56.3	18	50.8	18	44.8	18	38.8
168	20	08.0	20	02.6	19	54.5	19	46.6	19	38.9	19	31.4	19	24.1	19	16.9	19	10.0	19	03.5	18	57.4	18	51.4	18	45.4	18	39.4
169	20	08.6	20	03.2	19	55.1	19	47.2	19	39.5	19	32.0	19	24.7	19	17.5	19	10.6	19	04.1	18	57.9	18	51.9	18	45.9	18	39.9
170	20	09.2	20	03.8	19	55.7	19	47.8	19	40.1	19	32.6	19	25.3	19	18.1	19	11.2	19	04.7	18	58.5	18	52.5	18	46.5	18	40.5
171	20	09.8	20	04.4	19	56.3	19	48.4	19	40.7	19	33.2	19	25.9	19	18.7	19	11.8	19	05.3	18	59.1	18	53.1	18	47.1	18	41.1
172	20	10.4	20	05.0	19	56.9	19	49.0	19	41.3	19	33.8	19	26.5	19	19.3	19	12.4	19	05.9	18	59.7	18	53.7	18	47.7	18	41.7
173	20	10.9	20	05.5	19	57.4	19	49.5	19	41.8	19	34.3	19	27.0	19	19.8	19	12.9	19	06.4	19	00.1	18	54.1	18	48.1	18	42.1
174	20	11.2	20	05.8	19	57.7	19	49.8	19	42.1	19	34.6	19	27.3	19	20.1	19	13.2	19	06.7	19	00.4	18	54.4	18	48.4	18	42.4
175	20	11.5	20	06.1	19	58.0	19	50.1	19	42.4	19	34.9	19	27.6	19	20.4	19	13.5	19	07.0	19	00.7	18	54.7	18	48.7	18	42.7
176	20	11.8	20	06.4	19	58.3	19	50.4	19	42.7	19	35.2	19	27.9	19	20.7	19	13.8	19	07.3	19	01.0	18	55.0	18	49.0	18	43.0
177	20	12.0	20	06.6	19	58.5	19	50.6	19	42.9	19	35.4	19	28.1	19	20.9	19	14.0	19	07.5	19	01.2	18	55.2	18	49.2	18	43.2
178	20	12.1	20	06.7	19	58.6	19	50.7	19	43.0	19	35.5	19	28.2	19	21.0	19	14.1	19	07.6	19	01.3	18	55.3	18	49.3	18	43.3
179	20	12.1	20	06.7	19	58.6	19	50.7	19	43.0	19	35.5	19	28.2	19	21.0	19	14.1	19	07.6	19	01.3	18	55.3	18	49.3	18	43.3
180	20	12.2	20	06.8	19	58.7	19	50.8	19	43.1	19	35.6	19	28.3	19	21.1	19	14.2	19	07.7	19	01.4	18	55.4	18	49.4	18	43.4

TIMES OF      PKs      BRANCH      AB

Depth $h =$														
Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12	
m	m	m	m	m	m	m	m	m	m	m	m	m	m	
22 36.2	22 30.9	22 23.2	22 15.7	22 08.5	22 01.4	21 54.5	21 47.8	21 41.4	21 35.4	21 29.8	21 24.4	21 19.1	21 13.8	
22 40.4	22 35.1	22 27.4	22 19.9	22 12.7	22 05.6	21 58.8	21 52.1	21 45.7	21 39.7	21 34.0	21 28.6	21 23.3	21 18.1	
22 44.6	22 39.3	22 31.6	22 24.1	22 16.9	22 09.8	22 03.0	21 56.3	21 49.9	21 43.9	21 38.3	21 32.9	21 27.6	21 22.4	
22 48.9	22 43.6	22 35.9	22 28.4	22 21.2	22 14.1	22 07.3	22 00.6	21 54.2	21 48.3	21 42.7	21 37.3	21 32.0	21 26.8	
22 53.2	22 47.9	22 40.2	22 32.7	22 25.5	22 18.4	22 11.6	22 04.9	21 58.6	21 52.6	21 47.1	21 41.7	21 36.4	21 31.2	
22 57.6	22 52.3	22 44.6	22 37.1	22 29.9	22 22.8	22 16.0	22 09.3	22 03.0	21 57.1	21 51.5	21 46.1	21 40.8	21 35.7	
23 01.9	22 56.6	22 48.9	22 41.4	22 34.2	22 27.1	22 20.3	22 13.6	22 07.3	22 01.4	21 55.8	21 50.4	21 45.1	21 40.0	
23 06.2	23 00.9	22 53.2	22 45.7	22 38.5	22 31.4	22 24.6	22 17.9	22 11.6	22 05.7	22 00.1	21 54.7	21 49.4	21 44.3	
23 10.6	23 05.3	22 57.6	22 50.1	22 42.9	22 35.8	22 29.0	22 22.3	22 16.0	22 10.1	22 04.5	21 59.1	21 53.8	21 48.7	
23 15.0	23 09.7	23 02.0	22 54.5	22 47.3	22 40.2	22 33.4	22 26.7	22 20.4	22 14.5	22 08.9	22 03.5	21 58.2	21 53.1	
23 19.5	23 14.2	23 06.5	22 59.0	22 51.8	22 44.7	22 37.9	22 31.2	22 24.9	22 19.0	22 13.4	22 08.0	22 02.7	21 57.6	
23 23.9	23 18.6	23 10.9	23 03.4	22 56.2	22 49.1	22 42.3	22 35.6	22 29.3	22 23.4	22 17.8	22 12.4	22 07.1	22 02.0	
23 28.4	23 23.1	23 15.4	23 07.9	23 00.7	22 53.6	22 46.8	22 40.1	22 33.8	22 27.9	22 22.3	22 16.9	22 11.6	22 06.5	
23 32.8	23 27.5	23 19.8	23 12.3	23 05.1	22 58.0	22 51.2	22 44.5	22 38.2	22 32.3	22 26.7	22 21.3	22 16.0	22 10.9	
23 37.2	23 31.9	23 24.2	23 16.7	23 09.5	23 02.4	22 55.6	22 48.9	22 42.6	22 36.7	22 31.1	22 25.7	22 20.4	22 15.3	
23 41.8	23 36.5	23 28.8	23 21.3	23 14.1	23 07.0	23 00.2	22 53.5	22 47.2	22 41.3	22 35.7	22 30.3	22 25.0	22 19.9	
23 46.2	23 40.9	23 33.2	23 25.7	23 18.5	23 11.4	23 04.6	22 57.9	22 51.6	22 45.7	22 40.1	22 34.7	22 29.4	22 24.3	
23 50.6	23 45.3	23 37.6	23 30.1	23 22.9	23 15.8	23 09.0	23 02.3	22 56.0	22 50.1	22 44.5	22 39.1	22 33.8	22 28.7	
23 55.0	23 49.7	23 42.0	23 34.5	23 27.3	23 20.2	23 13.4	23 06.7	23 00.4	22 54.5	22 48.9	22 43.5	22 38.2	22 33.1	

BRANCH BC

130	22 36.2	22 30.9	22 23.1	22 15.5	22 08.1	22 01.0	21 54.0	21 47.3	21 40.8	21 34.6	21 28.9	21 23.4	21 18.1	21 13.0
131	22 39.9	22 34.6	22 26.8	22 19.1	22 11.7	22 04.5	21 57.5	21 50.7	21 44.1	21 37.9	21 32.1	21 26.5	21 21.1	21 15.9
132	22 43.4	22 38.1	22 30.2	22 22.5	22 15.1	22 07.9	22 00.9	21 54.0	21 47.4	21 41.1	21 35.3	21 29.7	21 24.1	21 18.8
133	22 46.6	22 41.3	22 33.4	22 25.7	22 18.2	22 11.0	22 04.0	21 57.1	21 50.5	21 44.2	21 38.3	21 32.6	21 27.1	21 21.6
134	22 49.7	22 44.4	22 36.5	22 28.8	22 21.3	22 14.0	22 07.0	22 00.1	21 53.5	21 47.2	21 41.2	21 35.6	21 30.0	21 24.5
135	22 52.7	22 47.4	22 39.5	22 31.8	22 24.2	22 17.0	22 10.0	22 03.1	21 56.5	21 50.1	21 44.2	21 38.6	21 32.9	21 27.4
136	22 55.6	22 50.3	22 42.4	22 34.7	22 27.1	22 19.9	22 12.9	22 06.0	21 59.3	21 53.0	21 47.0	21 41.4	21 35.7	21 30.2
137	22 58.3	22 53.0	22 45.1	22 37.4	22 29.8	22 22.6	22 15.5	22 08.6	22 01.9	21 55.6	21 49.6	21 44.0	21 38.3	21 32.7
138	23 00.3	22 55.6	22 47.6	22 39.9	22 32.4	22 25.1	22 18.0	22 11.1	22 04.4	21 58.0	21 52.0	21 46.4	21 40.7	21 35.1
139	23 03.4	22 58.1	22 50.1	22 42.4	22 34.8	22 27.5	22 20.4	22 13.4	22 06.7	22 00.3	21 54.3	21 48.5	21 42.8	21 37.1
140	23 05.7	23 00.3	22 52.3	22 44.6	22 37.0	22 29.6	22 22.4	22 15.3	22 08.5	22 02.2	21 56.1	21 50.2	21 44.5	21 38.8

BRANCH DEF

104	21 57.0	21 51.6	21 43.6	21 35.8	21 28.2	21 20.9	21 13.6	21 06.5	20 59.7	20 53.3	20 47.3	20 41.4	20 35.6	20 29.8
105	21 59.0	21 53.6	21 45.6	21 37.8	21 30.2	21 22.9	21 15.6	21 08.5	21 01.7	20 55.3	20 49.3	20 43.4	20 37.6	20 31.8

TIMES OF      PK5      BRANCH      DEF  
 Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
106	22	00.9	21	55.5	21	47.5	21	39.7	21	32.1	21	24.8	21	17.5	21	10.4	21	03.6	20	57.2	20	51.2	20	45.3	20	39.5	20	33.7
107	22	02.9	21	57.5	21	49.5	21	41.7	21	34.1	21	26.8	21	19.5	21	12.4	21	05.6	20	59.2	20	53.2	20	47.3	20	41.5	20	35.7
108	22	04.8	21	59.4	21	51.4	21	43.6	21	36.0	21	28.7	21	21.4	21	14.3	21	07.5	21	01.1	20	55.1	20	49.2	20	43.4	20	37.6
109	22	06.8	22	01.4	21	53.4	21	45.6	21	38.0	21	30.7	21	23.4	21	16.3	21	09.5	21	03.1	20	57.1	20	51.2	20	45.4	20	39.6
110	22	08.7	22	03.3	21	55.3	21	47.5	21	39.9	21	32.6	21	25.3	21	18.2	21	11.4	21	05.0	20	59.0	20	53.1	20	47.3	20	41.5
111	22	10.7	22	05.3	21	57.3	21	49.5	21	41.9	21	34.6	21	27.3	21	20.2	21	13.4	21	07.0	21	01.0	20	55.1	20	49.3	20	43.5
112	22	12.6	22	07.2	21	59.2	21	51.4	21	43.8	21	36.5	21	29.2	21	22.1	21	15.3	21	08.9	21	02.9	20	57.0	20	51.2	20	45.4
113	22	14.6	22	09.2	22	01.2	21	53.4	21	45.8	21	38.5	21	31.2	21	24.1	21	17.3	21	10.9	21	04.9	20	59.0	20	53.2	20	47.4
114	22	16.5	22	11.1	22	03.1	21	55.3	21	47.7	21	40.4	21	33.1	21	26.0	21	19.2	21	12.8	21	06.8	21	00.9	20	55.1	20	49.3
115	22	18.4	22	13.0	22	05.0	21	57.2	21	49.6	21	42.3	21	35.0	21	27.9	21	21.1	21	14.7	21	08.7	21	02.8	20	57.0	20	51.2
116	22	20.4	22	15.0	22	07.0	21	59.2	21	51.6	21	44.3	21	37.0	21	29.9	21	23.1	21	16.7	21	10.7	21	04.8	20	59.0	20	53.2
117	22	22.3	22	16.9	22	08.9	22	01.1	21	53.5	21	46.2	21	33.9	21	31.8	21	25.0	21	18.6	21	12.6	21	06.7	21	00.9	20	55.1
118	22	24.3	22	18.9	22	10.9	22	03.1	21	55.5	21	48.2	21	40.9	21	33.8	21	27.0	21	20.6	21	14.6	21	08.7	21	02.9	20	57.1
119	22	26.2	22	20.8	22	12.8	22	05.0	21	57.4	21	50.1	21	42.8	21	35.7	21	28.9	21	22.5	21	16.5	21	10.6	21	04.8	20	59.0
120	22	28.1	22	22.7	22	14.7	22	06.9	21	59.3	21	52.0	21	44.7	21	37.6	21	30.8	21	24.4	21	18.4	21	12.5	21	06.7	21	00.9
121	22	30.1	22	24.7	22	16.7	22	09.0	22	01.4	21	54.0	21	46.7	21	39.6	21	32.8	21	26.4	21	20.4	21	14.5	21	08.7	21	03.0
122	22	32.0	22	26.6	22	18.6	22	10.9	22	03.3	21	55.9	21	48.6	21	41.5	21	34.8	21	28.4	21	22.3	21	16.4	21	10.6	21	04.9
123	22	34.0	22	28.6	22	20.6	22	12.9	22	05.3	21	57.9	21	50.6	21	43.5	21	36.8	21	30.4	21	24.3	21	18.4	21	12.7	21	06.9
124	22	35.9	22	30.5	22	22.5	22	14.8	22	07.2	21	59.6	21	52.5	21	45.4	21	38.7	21	32.3	21	26.2	21	20.3	21	14.6	21	08.8
125	22	37.7	22	32.3	22	24.3	22	16.5	22	08.9	22	01.6	21	54.3	21	47.2	21	40.4	21	34.0	21	28.0	21	22.1	21	16.3	21	10.5
126	22	39.6	22	34.2	22	26.2	22	18.4	22	10.8	22	03.5	21	56.2	21	49.1	21	42.3	21	35.9	21	29.8	21	23.9	21	18.2	21	12.4
127	22	41.5	22	36.1	22	28.1	22	20.3	22	12.7	22	05.3	21	58.1	21	51.0	21	44.2	21	37.8	21	31.7	21	25.8	21	20.0	21	14.2
128	22	43.4	22	38.0	22	30.0	22	22.2	22	14.6	22	07.2	21	59.9	21	52.8	21	46.0	21	39.6	21	33.5	21	27.6	21	21.8	21	16.0
129	22	45.2	22	39.8	22	31.8	22	24.0	22	16.4	22	09.0	22	01.7	21	54.6	21	47.8	21	41.4	21	35.3	21	29.3	21	23.5	21	17.7
130	22	47.0	22	41.6	22	33.6	22	25.8	22	18.2	22	10.8	22	03.5	21	56.4	21	49.5	21	43.1	21	37.0	21	31.1	21	25.3	21	19.5
131	22	48.9	22	43.5	22	35.5	22	27.7	22	20.1	22	12.7	22	05.4	21	58.3	21	51.4	21	45.0	21	38.9	21	33.0	21	27.2	21	21.4
132	22	50.7	22	45.3	22	37.3	22	29.5	22	21.9	22	14.5	22	07.2	22	00.0	21	53.2	21	46.8	21	40.7	21	34.8	21	29.0	21	23.2
133	22	52.6	22	47.2	22	39.2	22	31.4	22	23.8	22	16.4	22	09.1	22	02.0	21	55.1	21	48.7	21	42.6	21	36.7	21	30.9	21	25.1
134	22	54.4	22	49.0	22	41.0	22	33.2	22	25.6	22	18.2	22	10.9	22	03.8	21	56.9	21	50.5	21	44.4	21	38.5	21	32.7	21	26.9
135	22	56.3	22	50.9	22	42.9	22	35.1	22	27.5	22	20.1	22	12.8	22	05.7	21	58.8	21	52.4	21	46.3	21	40.4	21	34.6	21	28.8
136	22	58.1	22	52.7	22	44.7	22	36.9	22	29.3	22	21.9	22	14.6	22	07.5	22	00.7	21	54.3	21	48.1	21	42.2	21	36.4	21	30.6
137	22	59.8	22	54.4	22	46.4	22	38.6	22	31.0	22	23.6	22	16.3	22	09.2	22	02.4	21	56.0	21	49.9	21	43.9	21	38.1	21	32.3
138	23	01.6	22	56.2	22	48.2	22	40.4	22	32.8	22	25.4	22	18.1	22	11.0	22	04.2	21	57.8	21	51.7	21	45.7	21	39.9	21	34.1
139	23	03.3	22	57.9	22	49.9	22	42.1	22	34.5	22	27.1	22	19.8	22	12.7	22	05.9	21	59.5	21	53.4	21	47.4	21	41.6	21	35.8
140	23	05.0	22	59.6	22	51.6	22	43.8	22	36.2	22	28.8	22	21.5	22	14.4	22	07.5	22	01.1	21	55.0	21	49.1	21	43.3	21	37.5
141	23	06.7	23	01.3	22	53.3	22	45.5	22	37.9	22	30.5	22	23.2	22	16.0	22	09.2	22	02.8	21	56.7	21	50.8	21	45.0	21	39.1
142	23	08.3	23	02.9	22	54.9	22	47.1	22	39.5	22	32.0	22	24.7	22	17.6	22	10.8	22	04.4	21	58.3	21	52.3	21	46.5	21	40.7
143	23	10.0	23	04.6	22	56.6	22	48.8	22	41.2	22	33.7	22	26.4	22	19.3	22	12.5	22	06.1	21	59.9	21	54.0	21	48.1	21	42.3
144	23	11.7	23	06.3	22	58.3	22	50.5	22	42.8	22	35.4	22	28.1	22	21.0	22	14.1	22	07.7	22	01.6	21	55.6	21	49.8	21	43.9
145	23	13.3	23	07.9	22	59.9	22	52.0	22	44.4	22	37.0	22	29.6	22	22.5	22	15.7	22	09.3	22	03.1	21	57.2	21	51.3	21	45.5

Depth  $h =$

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	3-06	0-07	0-08	0-09	0-10	0-11	0-12
146	23 14.9	23 09.5	23 01.5	22 53.6	22 46.0	22 38.6	22 31.2	22 24.1	22 17.3	22 10.3	22 04.7	22 58.7	21 52.9	21 47.0
147	23 16.4	23 11.0	23 03.0	22 55.1	22 47.5	22 40.1	22 32.7	22 25.6	22 18.7	22 12.3	22 06.2	22 00.2	21 54.3	21 48.4
148	23 17.9	23 12.5	23 04.5	22 56.6	22 49.0	22 41.5	22 34.2	22 27.1	22 20.2	22 13.8	22 07.6	22 01.6	21 55.7	21 49.8
149	23 19.3	23 13.9	23 05.9	22 58.0	22 50.4	22 42.9	22 35.6	22 28.5	22 21.6	22 15.1	22 09.0	22 03.0	21 57.1	21 51.2
150	23 20.8	23 15.4	23 07.4	22 59.5	22 51.9	22 44.4	22 37.1	22 29.9	22 23.1	22 16.6	22 10.5	22 04.5	21 58.5	21 52.6
151	23 22.2	23 16.8	23 08.8	23 00.9	22 53.3	22 45.8	22 38.5	22 31.3	22 24.5	22 18.0	22 11.8	22 05.9	21 59.9	21 54.0
152	23 23.5	23 18.1	23 10.1	23 02.1	22 54.6	22 47.1	22 39.8	22 32.6	22 25.8	22 19.3	22 13.1	22 07.1	21 51.2	21 55.3
153	23 24.8	23 19.4	23 11.4	23 03.5	22 55.9	22 48.4	22 41.0	22 33.9	22 27.1	22 20.6	22 14.4	22 08.4	22 02.5	21 56.6
154	23 26.1	23 20.7	23 12.7	23 04.8	22 57.2	22 49.7	22 42.3	22 35.2	22 28.4	22 21.9	22 15.7	22 09.7	22 03.8	21 57.9
155	23 27.4	23 22.0	23 14.0	23 06.1	22 58.5	22 51.0	22 43.6	22 36.5	22 29.6	22 23.2	22 17.0	22 11.0	22 05.1	21 59.1
156	23 28.6	23 23.2	23 15.2	23 07.3	22 59.6	22 52.2	22 44.8	22 37.7	22 30.8	22 24.4	22 18.2	22 12.2	22 06.2	22 00.3
157	23 29.7	23 24.3	23 16.3	23 08.4	23 00.7	22 53.2	22 45.9	22 38.6	22 31.9	22 25.5	22 19.3	22 13.3	22 07.3	22 01.3
158	23 30.8	23 25.4	23 17.4	23 09.5	23 01.8	22 54.3	22 47.0	22 39.9	22 33.0	22 26.5	22 20.4	22 14.4	22 08.4	22 02.4
159	23 31.8	23 26.4	23 18.4	23 10.5	23 02.8	22 55.3	22 48.0	22 40.9	22 34.0	22 27.5	22 21.3	22 15.3	22 09.3	22 03.4
160	23 32.8	23 27.4	23 19.4	23 11.5	23 03.8	22 56.3	22 49.0	22 41.9	22 35.0	22 28.5	22 22.3	22 16.3	22 10.3	22 04.3
161	23 33.8	23 28.4	23 20.4	23 12.5	23 04.8	22 57.3	22 50.0	22 42.9	22 36.0	22 29.5	22 23.3	22 17.3	22 11.3	22 05.3
162	23 34.8	23 29.4	23 21.4	23 13.5	23 05.8	22 58.3	22 51.0	22 43.9	22 37.0	22 30.5	22 24.3	22 18.3	22 12.2	22 06.2
163	23 35.8	23 30.4	23 22.4	23 14.5	23 06.8	22 59.3	22 52.0	22 44.9	22 38.0	22 31.5	22 25.2	22 19.2	22 13.2	22 07.2
164	23 36.6	23 31.2	23 23.2	23 15.3	23 07.6	23 00.1	22 52.8	22 45.7	22 38.8	22 32.2	22 26.0	22 20.0	22 14.0	22 07.9
165	23 37.3	23 31.9	23 23.9	23 16.0	23 08.3	23 00.7	22 53.5	22 46.3	22 39.4	22 32.9	22 26.7	22 20.7	22 14.6	22 08.6
166	23 37.9	23 32.5	23 24.5	23 16.6	23 08.9	23 01.3	22 54.1	22 46.9	22 40.0	22 33.5	22 27.3	22 21.3	22 15.2	22 09.2
167	23 38.6	23 33.2	23 25.2	23 17.3	23 09.6	23 02.0	22 54.7	22 47.6	22 40.7	22 34.2	22 28.0	22 21.9	22 15.9	22 09.9
168	23 39.2	23 33.8	23 25.8	23 17.9	23 10.2	23 02.6	22 55.3	22 48.2	22 41.3	22 34.8	22 28.5	22 22.5	22 16.5	22 10.4
169	23 39.8	23 34.4	23 26.4	23 18.5	23 10.8	23 03.2	22 55.9	22 48.8	22 41.9	22 35.4	22 29.1	22 23.1	22 17.1	22 11.0
170	23 40.4	23 35.0	23 27.0	23 19.1	23 11.3	23 03.8	22 56.5	22 49.4	22 42.5	22 36.0	22 29.7	22 23.7	22 17.7	22 11.6
171	23 41.0	23 35.6	23 27.6	23 19.7	23 11.9	23 04.4	22 57.1	22 50.0	22 43.1	22 36.6	22 30.3	22 24.3	22 18.3	22 12.2
172	23 41.4	23 36.0	23 28.0	23 20.1	23 12.3	23 04.8	22 57.5	22 50.4	22 43.5	22 37.0	22 30.7	22 24.7	22 18.6	22 12.6
173	23 41.7	23 36.3	23 28.3	23 20.4	23 12.6	23 05.1	22 57.8	22 50.7	22 43.8	22 37.3	22 31.0	22 25.0	22 18.9	22 12.9
174	23 42.0	23 36.6	23 28.6	23 20.7	23 12.9	23 05.4	22 58.1	22 51.0	22 44.1	22 37.6	22 31.3	22 25.3	22 19.2	22 13.2
175	23 42.3	23 36.9	23 28.9	23 21.0	23 13.2	23 05.7	22 58.4	22 51.3	22 44.4	22 37.8	22 31.6	22 25.6	22 19.5	22 13.5
176	23 42.5	23 37.1	23 29.1	23 21.2	23 13.4	23 05.9	22 58.6	22 51.5	22 44.6	22 38.0	22 31.8	22 25.8	22 19.7	22 13.7
177	23 42.7	23 37.3	23 29.3	23 21.3	23 13.6	23 06.1	22 58.8	22 51.7	22 44.8	22 38.2	22 32.0	22 26.0	22 19.9	22 13.9
178	23 42.8	23 37.4	23 29.3	23 21.4	23 13.7	23 06.2	22 58.9	22 51.7	22 44.8	22 38.3	22 32.0	22 26.0	22 20.0	22 14.0
179	23 42.9	23 37.5	23 29.4	23 21.5	23 13.8	23 06.3	22 59.0	22 51.8	22 44.9	22 38.4	22 32.1	22 26.1	22 20.1	22 14.1
180	23 42.9	23 37.5	23 29.4	23 21.5	23 13.8	23 06.3	22 59.0	22 51.8	22 44.9	22 38.4	22 32.1	22 26.1	22 20.1	22 14.1

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
70	21 13.4	21 04.4	20 50.7	20 37.3	20 24.1	20 11.2	19 58.7	19 46.7	19 35.3	19 24.3	19 13.8	19 03.7	18 54.0	18 44.8
71	21 20.8	21 11.8	20 58.1	20 44.7	20 31.5	20 18.6	20 06.1	19 54.1	19 42.6	19 31.6	19 21.1	19 10.9	19 01.2	18 52.0
72	21 28.2	21 19.2	21 05.5	20 52.1	20 38.8	20 25.9	20 13.4	20 01.5	19 49.9	19 38.8	19 28.3	19 18.2	19 08.5	18 59.2
73	21 35.5	21 26.5	21 12.8	20 59.4	20 46.1	20 33.2	20 20.7	20 08.7	19 57.2	19 46.0	19 35.5	19 25.4	19 15.7	19 06.3
74	21 42.9	21 33.9	21 20.2	21 06.8	20 53.5	20 40.5	20 28.1	20 16.1	20 04.5	19 53.3	19 42.8	19 32.7	19 23.0	19 13.5
75	21 50.2	21 41.2	21 27.5	21 14.1	21 00.8	20 47.8	20 35.4	20 23.4	20 11.8	20 00.6	19 50.1	19 39.9	19 30.2	19 20.7
76	21 57.5	21 48.5	21 34.8	21 21.3	21 08.0	20 55.1	20 42.6	20 30.6	20 19.0	20 07.8	19 57.3	19 47.1	19 37.4	19 27.9
77	22 04.8	21 55.8	21 42.1	21 28.6	21 15.3	21 02.4	20 49.9	20 37.9	20 26.3	20 15.0	20 04.5	19 54.3	19 44.6	19 35.1
78	22 12.0	22 03.0	21 49.2	21 35.8	21 22.5	21 09.5	20 57.1	20 45.0	20 33.4	20 22.2	20 11.6	20 01.5	19 51.7	19 42.2
79	22 19.1	22 10.1	21 56.3	21 42.8	21 29.5	21 16.6	21 04.1	20 52.1	20 40.5	20 29.3	20 18.7	20 08.5	19 58.7	19 49.2
80	22 26.3	22 17.3	22 03.5	21 50.0	21 36.7	21 23.8	21 11.3	20 59.2	20 47.6	20 36.4	20 25.8	20 15.6	20 05.8	19 56.3
81	22 33.4	22 24.4	22 10.6	21 57.1	21 43.8	21 30.9	21 18.4	21 06.2	20 54.7	20 43.5	20 32.9	20 22.7	20 12.9	20 03.4
82	22 40.4	22 31.4	22 17.6	22 04.0	21 50.7	21 37.9	21 25.4	21 13.2	21 01.5	20 50.5	20 39.3	20 29.0	20 19.3	20 10.3
83	22 47.3	22 38.3	22 24.4	22 10.9	21 57.6	21 44.7	21 32.2	21 20.0	21 08.4	20 57.3	20 46.5	20 36.4	20 26.5	20 17.0
84	22 54.1	22 45.1	22 31.2	22 17.7	22 04.4	21 51.5	21 38.9	21 26.7	21 15.1	21 04.0	20 53.3	20 43.0	20 33.1	20 23.6
85	23 00.8	22 51.8	22 37.9	22 24.3	22 11.0	21 58.1	21 45.5	21 33.3	21 21.7	21 10.5	20 59.8	20 49.5	20 39.6	20 30.1
86	23 07.5	22 58.5	22 44.6	22 31.0	22 17.7	22 04.7	21 52.1	21 39.9	21 28.3	21 17.0	21 06.3	20 56.0	20 46.1	20 36.5
87	23 14.1	23 05.1	22 51.2	22 37.5	22 24.2	22 11.2	21 58.6	21 46.4	21 34.7	21 23.4	21 12.7	21 02.3	20 52.4	20 42.9
88	23 20.5	23 11.4	22 57.5	22 43.9	22 30.5	22 17.5	22 04.9	21 52.7	21 41.0	21 29.5	21 18.9	21 08.5	20 58.5	20 49.0
89	23 26.7	23 17.6	23 03.7	22 50.0	22 36.7	22 23.6	22 10.9	21 53.7	21 47.0	21 35.6	21 24.9	21 14.4	21 04.4	20 54.8
90	23 32.8	23 23.7	23 09.8	22 56.1	22 42.7	22 29.6	22 16.9	22 04.7	21 52.9	21 41.0	21 30.8	21 20.2	21 10.2	21 00.6
91	23 38.7	23 29.6	23 15.7	23 02.0	22 48.5	22 35.4	22 22.7	22 10.5	21 58.6	21 47.2	21 36.5	21 25.9	21 15.9	21 06.2
92	23 44.4	23 35.3	23 21.4	23 07.7	22 54.2	22 41.0	22 28.5	22 16.0	22 04.2	21 52.8	21 42.0	21 31.3	21 21.3	21 11.6
93	23 50.1	23 41.0	23 27.0	23 13.3	22 59.8	22 46.7	22 33.9	22 21.6	22 09.7	21 58.3	21 47.5	21 36.8	21 26.7	21 17.0
94	23 55.6	23 46.5	23 32.5	23 18.8	23 05.3	22 52.1	22 39.3	22 26.9	22 15.1	22 03.6	21 52.8	21 42.1	21 32.0	21 22.2
95	24 01.1	23 52.0	23 38.0	23 24.3	23 10.7	22 57.5	22 44.7	22 32.3	22 20.4	22 09.0	21 58.1	21 47.4	21 37.2	21 27.4
96	24 06.5	23 57.4	23 43.4	23 29.7	23 16.1	23 02.8	22 50.0	22 37.5	22 25.7	22 14.3	22 03.3	21 52.6	21 42.4	21 32.5
97	24 11.8	24 02.7	23 48.7	23 35.0	23 21.3	23 08.1	22 55.5	22 42.9	22 30.9	22 19.5	22 08.5	21 57.7	21 47.5	21 37.6
98	24 17.0	24 07.9	23 53.9	23 40.1	23 26.5	23 13.3	23 00.4	22 47.9	22 36.0	22 24.6	22 13.5	22 02.8	21 52.5	21 42.6
99	24 22.0	24 13.0	23 59.0	23 45.2	23 31.5	23 18.3	23 05.4	22 52.9	22 41.0	22 29.6	22 18.5	22 07.7	21 57.4	21 47.5
100	24 27.0	24 17.9	24 03.9	23 50.0	23 36.5	23 23.2	23 10.3	22 57.7	22 45.8	22 34.4	22 23.3	22 12.5	22 02.1	21 52.2
101	24 31.9	24 22.8	24 08.8	23 54.9	23 41.4	23 28.1	23 15.1	23 02.5	22 50.6	22 39.2	22 28.1	22 17.3	22 06.9	21 57.0
102	24 36.7	24 27.6	24 13.6	23 59.7	23 46.1	23 32.8	23 19.9	23 07.3	22 55.3	22 43.9	22 32.6	22 22.0	22 11.6	22 01.6
103	24 41.4	24 32.3	24 18.3	24 04.3	23 50.8	23 37.5	23 24.5	23 11.9	23 00.0	22 48.5	22 37.4	22 26.5	22 16.2	22 06.2
104	24 46.0	24 36.9	24 22.8	24 08.9	23 55.4	23 42.0	23 29.1	23 16.5	23 04.5	22 53.0	22 41.9	22 31.1	22 20.7	22 10.7
105	24 50.5	24 41.4	24 27.3	24 13.4	23 59.8	23 46.5	23 33.5	23 20.9	23 08.9	22 57.4	22 46.3	22 35.5	22 25.1	22 15.1
106	24 55.0	24 45.9	24 31.8	24 17.9	24 04.3	23 51.0	23 38.0	23 25.4	23 13.3	23 01.8	22 50.7	22 39.9	22 29.5	22 19.5
107	24 59.4	24 50.3	24 36.2	24 22.3	24 08.6	23 55.3	23 42.3	23 29.7	23 17.7	23 06.1	22 55.0	22 44.2	22 33.8	22 23.8
108	25 03.7	24 54.6	24 40.4	24 26.5	24 12.9	23 59.5	23 46.6	23 34.0	23 21.9	23 10.4	22 59.2	22 48.4	22 38.0	22 28.0
109	25 08.0	24 58.9	24 44.7	24 30.8	24 17.1	24 03.8	23 50.8	23 38.2	23 26.2	23 14.6	23 03.4	22 52.6	22 42.2	22 32.2
110	25 12.2	25 03.1	24 48.9	24 35.0	24 21.3	24 08.0	23 55.0	23 42.4	23 30.3	23 18.7	23 07.5	22 56.7	22 46.3	22 36.2

Depth f =

Surface	0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12			
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s		
111	25	16.3	25	07.2	24	53.0	24	39.1	24	25.4	24	12.0	23	59.0	23	46.5	23	34.3	23	22.7	23	11.5	23	00.7	22	50.5	22	40.2
112	25	20.3	25	11.2	24	57.0	24	43.0	24	29.3	24	16.0	24	03.0	23	50.4	23	38.3	23	25.6	23	15.4	23	04.6	22	54.2	22	44.1
113	25	24.3	25	15.1	25	00.9	24	47.0	24	33.3	24	19.9	24	06.9	23	54.3	23	42.2	23	30.6	23	19.3	23	08.5	22	58.0	22	47.9
114	25	28.2	25	19.0	25	04.8	24	50.8	24	37.1	24	23.8	24	10.8	23	58.2	23	46.1	23	34.4	23	23.1	23	12.3	23	01.8	22	51.7
115	25	32.0	25	22.8	25	08.5	24	54.5	24	40.9	24	27.5	24	14.5	24	01.9	23	49.8	23	38.1	23	26.8	23	16.0	23	05.5	22	55.4
116	25	35.7	25	26.5	25	12.3	24	58.3	24	44.6	24	31.2	24	18.2	24	05.6	23	53.4	23	41.7	23	30.4	23	19.6	23	09.1	22	59.0
117	25	39.4	25	30.2	25	16.0	25	01.9	24	48.3	24	34.9	24	21.9	24	09.2	23	57.1	23	45.4	23	34.1	23	23.2	23	12.7	23	02.6
118	25	43.0	25	33.8	25	19.5	25	05.5	24	51.8	24	38.4	24	25.4	24	12.8	24	00.6	23	48.9	23	37.6	23	26.8	23	16.2	23	06.1
119	25	46.5	25	37.3	25	23.0	25	09.0	24	55.3	24	41.9	24	28.9	24	16.2	24	04.1	23	52.4	23	41.0	23	30.2	23	19.7	23	09.5
120	25	50.0	25	40.8	25	26.5	25	12.5	24	58.8	24	45.4	24	32.4	24	19.7	24	07.5	23	55.8	23	44.5	23	33.6	23	23.1	23	12.9
121	25	53.3	25	44.1	25	29.8	25	15.8	25	02.1	24	48.7	24	35.7	24	23.0	24	10.8	23	59.1	23	47.8	23	36.9	23	26.3	23	16.1
122	25	56.6	25	47.4	25	33.1	25	19.1	25	05.4	24	52.0	24	39.0	24	26.2	24	14.0	24	02.3	23	51.0	23	40.1	23	29.6	23	19.3
123	25	59.8	25	50.6	25	36.3	25	22.3	25	08.6	24	55.2	24	42.2	24	29.4	24	17.2	24	05.5	23	54.2	23	43.3	23	32.7	23	22.5
124	26	02.9	25	53.7	25	39.4	25	25.4	25	11.7	24	58.3	24	45.2	24	32.4	24	20.2	24	08.6	23	57.3	23	46.3	23	35.8	23	25.5
125	26	05.9	25	56.7	25	42.4	25	28.4	25	14.7	25	01.3	24	48.2	24	35.4	24	23.2	24	11.5	24	00.2	23	49.3	23	38.7	23	28.4
126	26	08.9	25	59.7	25	45.4	25	31.4	25	17.7	25	04.3	24	51.2	24	38.4	24	26.2	24	14.5	24	03.2	23	52.3	23	41.7	23	31.3
127	26	11.8	26	02.6	25	48.3	25	34.3	25	20.6	25	07.2	24	54.0	24	41.2	24	29.0	24	17.3	24	06.0	23	55.1	23	44.5	23	34.2
128	26	14.6	26	05.4	25	51.1	25	37.1	25	23.4	25	10.0	24	56.8	24	44.0	24	31.8	24	20.1	24	08.8	23	57.9	23	47.2	23	36.9
129	26	17.3	26	08.1	25	53.8	25	39.7	25	26.0	25	12.5	24	59.5	24	46.5	24	34.5	24	22.7	24	11.4	24	00.5	23	49.9	23	39.6
130	26	19.9	26	10.7	25	56.4	25	42.3	25	28.5	25	15.2	25	02.0	24	49.2	24	37.0	24	25.2	24	13.9	24	03.0	23	52.4	23	42.1
131	26	22.4	26	13.2	25	58.9	25	44.8	25	31.1	25	17.7	25	04.5	24	51.7	24	39.5	24	27.6	24	16.3	24	05.4	23	54.8	23	44.5
132	26	24.9	26	15.7	26	01.4	25	47.3	25	33.6	25	20.1	25	06.9	24	54.1	24	41.9	24	30.1	24	18.8	24	07.9	23	57.2	23	46.9
133	26	27.3	26	18.1	26	03.8	25	49.7	25	35.9	25	22.5	25	09.3	24	56.5	24	44.3	24	32.4	24	21.1	24	10.2	23	59.6	23	49.2

BRANCH D.

	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s										
99	25	22.9	25	13.8	24	59.8	24	46.0	24	32.4	24	19.1	24	06.2	23	53.7	23	41.8	23	30.4	23	19.3	23	08.5	22	58.2	22	48.3
100	25	24.9	25	15.8	25	01.8	24	47.5	24	34.4	24	21.1	24	08.2	23	55.6	23	43.7	23	32.3	23	21.2	23	10.4	23	00.0	22	50.1
101	25	26.8	25	17.7	25	03.7	24	49.8	24	36.3	24	23.0	24	10.0	23	57.4	23	45.5	23	34.1	23	23.0	23	12.2	23	01.8	22	51.9
102	25	28.8	25	19.7	25	05.7	24	51.8	24	38.2	24	24.9	24	12.0	23	59.4	23	47.4	23	36.0	23	24.9	23	14.1	23	03.7	22	53.7
103	25	30.7	25	21.6	25	07.6	24	53.6	24	40.1	24	26.8	24	13.8	24	01.2	23	49.3	23	37.8	23	26.7	23	15.9	23	05.5	22	55.3
104	25	32.7	25	23.6	25	09.5	24	55.6	24	42.1	24	28.7	24	15.9	24	03.2	23	51.2	23	39.7	23	28.6	23	17.8	23	07.4	22	57.4
105	25	34.6	25	25.5	25	11.4	24	57.5	24	43.9	24	30.6	24	17.6	24	05.0	23	53.0	23	41.5	23	30.4	23	19.6	23	09.2	22	59.2
106	25	36.6	25	27.5	25	13.4	24	59.5	24	45.9	24	32.6	24	19.6	24	07.0	23	54.9	23	43.4	23	32.3	23	21.5	23	11.1	23	01.1
107	25	38.5	25	29.4	25	15.3	25	01.4	24	47.7	24	34.4	24	21.4	24	08.8	23	56.8	23	45.2	23	34.1	23	23.3	23	12.9	23	02.9
108	25	40.5	25	31.4	25	17.2	25	03.4	24	49.7	24	36.4	24	23.4	24	10.3	23	58.7	23	47.2	23	36.0	23	25.2	23	14.6	23	04.8
109	25	42.4	25	33.3	25	19.1	25	05.2	24	51.5	24	38.2	24	25.2	24	12.6	24	00.6	23	49.0	23	37.8	23	27.0	23	16.6	23	06.6
110	25	44.3	25	35.2	25	21.0	25	07.1	24	53.4	24	40.1	24	27.1	24	14.5	24	02.4	23	50.8	23	39.6	23	28.8	23	18.4	23	08.3
111	25	46.3	25	37.2	25	23.0	25	09.1	24	55.4	24	42.0	24	29.0	24	16.5	24	04.3	23	52.7	23	41.5	23	30.7	23	20.3	23	10.2

TIMES OF SKS      BRANCH      OEF

Δ	Depth h =													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
112	25 48.2	25 39.1	25 24.9	25 10.9	24 57.2	24 43.9	24 30.9	24 18.3	24 06.2	23 54.5	23 43.3	23 32.5	23 22.1	23 12.0
113	25 50.2	25 41.0	25 26.8	25 12.9	24 59.2	24 45.6	24 32.8	24 20.2	24 08.1	23 56.5	23 45.2	23 34.4	23 23.9	23 13.6
114	25 52.1	25 42.9	25 28.7	25 14.7	25 01.0	24 47.7	24 34.7	24 22.1	24 10.0	23 58.3	23 47.0	23 36.2	23 25.7	23 15.6
115	25 54.0	25 44.8	25 30.5	25 16.6	25 02.9	24 49.5	24 36.5	24 23.9	24 11.8	24 00.1	23 48.8	23 38.0	23 27.5	23 17.4
116	25 56.0	25 46.8	25 32.6	25 18.6	25 04.9	24 51.5	24 38.5	24 25.9	24 13.7	24 02.0	23 50.7	23 39.9	23 29.4	23 19.3
117	25 57.9	25 48.7	25 34.5	25 20.4	25 06.8	24 53.3	24 40.3	24 27.7	24 15.6	24 03.9	23 52.6	23 41.7	23 31.2	23 21.1
118	25 59.8	25 50.7	25 36.4	25 22.4	25 08.7	24 55.3	24 42.3	24 29.7	24 17.5	24 05.8	23 54.5	23 43.7	23 33.1	23 23.0
119	26 01.8	25 52.6	25 38.3	25 24.3	25 10.6	24 57.2	24 44.2	24 31.5	24 19.4	24 07.7	23 56.3	23 45.5	23 35.0	23 24.9
120	26 03.6	25 54.4	25 40.1	25 26.1	25 12.4	24 59.0	24 46.0	24 33.3	24 21.1	24 09.4	23 58.1	23 47.2	23 36.7	23 26.5
121	26 05.5	25 56.3	25 42.0	25 28.0	25 14.3	25 00.9	24 47.9	24 35.2	24 23.0	24 11.3	24 00.0	23 49.1	23 38.5	23 28.3
122	26 07.3	25 58.1	25 43.8	25 29.8	25 16.1	25 02.7	24 49.7	24 36.9	24 24.7	24 13.0	24 01.7	23 50.8	23 40.3	23 30.0
123	26 09.2	26 00.0	25 45.7	25 31.7	25 18.0	25 04.6	24 51.6	24 38.8	24 26.6	24 14.9	24 03.6	23 52.7	23 42.1	23 31.9
124	26 11.1	26 01.9	25 47.6	25 33.6	25 19.9	25 06.5	24 53.4	24 40.6	24 28.4	24 16.8	24 05.5	23 54.5	23 44.0	23 33.7
125	26 13.0	26 03.8	25 49.5	25 35.5	25 21.8	25 08.4	24 55.3	24 42.5	24 30.3	24 18.6	24 07.3	23 56.4	23 45.8	23 35.5
126	26 14.8	26 05.6	25 51.3	25 37.3	25 23.6	25 10.2	24 57.1	24 44.3	24 32.1	24 20.4	24 09.1	23 58.2	23 47.6	23 37.2
127	26 16.7	26 07.5	25 53.2	25 39.2	25 25.5	25 12.1	24 58.9	24 46.1	24 33.9	24 22.2	24 10.9	24 00.0	23 49.4	23 39.1
128	26 18.5	26 09.3	25 55.0	25 41.0	25 27.3	25 13.7	25 00.7	24 47.9	24 35.7	24 24.0	24 12.7	24 01.8	23 51.1	23 40.8
129	26 20.3	26 11.1	25 56.8	25 42.7	25 29.0	25 15.6	25 02.5	24 49.6	24 37.5	24 25.7	24 14.4	24 03.5	23 52.9	23 42.6
130	26 22.1	26 12.9	25 58.6	25 44.5	25 30.8	25 17.4	25 04.2	24 51.4	24 39.2	24 27.4	24 16.1	24 05.2	23 54.6	23 44.3
131	26 23.9	26 14.7	25 60.4	25 46.3	25 32.6	25 19.2	25 06.0	24 53.2	24 41.0	24 29.1	24 17.9	24 06.9	23 56.3	23 46.0
132	26 25.7	26 16.5	25 62.2	25 48.1	25 34.4	25 20.9	25 07.7	24 54.9	24 42.7	24 30.9	24 19.6	24 08.7	23 58.0	23 47.7
133	26 27.4	26 18.2	25 63.9	25 49.8	25 36.0	25 22.6	25 09.4	24 56.6	24 44.4	24 32.5	24 21.2	24 10.3	23 59.7	23 49.3
134	26 29.1	26 19.9	25 65.6	25 51.5	25 37.7	25 24.2	25 11.0	24 58.2	24 46.0	24 34.2	24 22.9	24 12.0	24 01.3	23 50.9
135	26 30.8	26 21.6	25 67.3	25 53.2	25 39.4	25 25.9	25 12.7	24 59.9	24 47.7	24 35.8	24 24.5	24 13.6	24 02.9	23 52.5
136	26 32.5	26 23.3	25 69.0	25 54.9	25 41.1	25 27.6	25 14.4	25 01.6	24 49.4	24 37.5	24 26.2	24 15.2	24 04.5	23 54.1
137	26 34.2	26 25.0	25 70.7	25 56.6	25 42.8	25 29.2	25 16.1	25 03.3	24 51.0	24 39.1	24 27.8	24 16.9	24 06.2	23 55.7
138	26 35.9	26 26.7	25 72.4	25 58.3	25 44.5	25 30.9	25 17.7	25 04.9	24 52.7	24 40.8	24 29.5	24 18.5	24 07.8	23 57.4
139	26 37.5	26 28.3	25 74.0	25 59.9	25 46.1	25 32.5	25 19.3	25 06.5	24 54.2	24 42.3	24 31.0	24 20.1	24 09.4	23 58.9
140	26 39.1	26 29.9	25 75.6	26 01.5	25 47.7	25 34.1	25 20.9	25 08.1	24 55.8	24 43.9	24 32.6	24 21.6	24 10.9	24 00.5
141	26 40.8	26 31.6	25 77.2	26 03.2	25 49.4	25 35.8	25 22.6	25 09.8	24 57.5	24 45.6	24 34.3	24 23.3	24 12.6	24 02.2
142	26 42.4	26 33.2	25 78.9	26 04.8	25 51.0	25 37.4	25 24.2	25 11.4	24 59.1	24 47.2	24 35.9	24 24.9	24 14.2	24 03.8
143	26 43.9	26 34.7	25 80.4	26 06.3	25 52.5	25 38.9	25 25.7	25 12.9	25 00.6	24 48.6	24 37.3	24 26.3	24 15.6	24 05.2
144	26 45.4	26 36.2	26 21.9	26 07.8	25 54.0	25 40.4	25 27.2	25 14.4	25 02.1	24 50.1	24 38.8	24 27.6	24 17.1	24 06.7
145	26 46.9	26 37.7	26 23.4	26 09.3	25 55.5	25 41.9	25 28.7	25 15.9	25 03.6	24 51.6	24 40.3	24 29.3	24 18.6	24 08.2
146	26 48.3	26 39.1	26 24.6	26 10.7	25 56.9	25 43.3	25 30.1	25 17.3	25 05.0	24 53.0	24 41.7	24 30.7	24 20.0	24 09.6
147	26 49.7	26 40.5	26 26.2	26 12.1	25 58.3	25 44.7	25 31.5	25 18.7	25 06.4	24 54.4	24 43.1	24 32.1	24 21.4	24 11.0
148	26 51.1	26 41.9	26 27.6	26 13.5	25 59.7	25 46.1	25 32.9	25 20.1	25 07.8	24 55.8	24 44.5	24 33.5	24 22.8	24 12.4
149	26 52.5	26 43.3	26 29.0	26 14.9	26 01.0	25 47.4	25 34.3	25 21.4	25 09.2	24 57.2	24 45.9	24 34.9	24 24.2	24 13.7
150	26 53.8	26 44.6	26 30.3	26 16.2	26 02.3	25 48.7	25 35.6	25 22.7	25 10.4	24 58.5	24 47.2	24 36.2	24 25.5	24 15.0
151	26 55.1	26 45.9	26 31.6	26 17.5	26 03.6	25 50.0	25 36.9	25 24.0	25 11.7	24 59.8	24 48.5	24 37.5	24 26.8	24 16.3

Depth in

Δ

Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
m	m	m	m	m	m	m	m	m	m	m	m	m	m
s	s	s	s	s	s	s	s	s	s	s	s	s	s
26 56.3	26 47.1	26 32.8	26 18.7	26 04.8	25 51.2	25 38.1	25 25.2	25 12.9	25 01.0	24 49.7	24 37.7	24 26.0	24 17.5
152													
26 57.5	26 48.3	26 34.0	26 19.9	26 05.9	25 52.3	25 39.3	25 26.3	25 14.0	25 02.2	24 50.9	24 39.9	24 29.2	24 18.7
153													
26 58.6	26 49.4	26 35.1	26 21.0	26 07.0	25 53.4	25 40.4	25 27.4	25 15.1	25 03.4	24 52.1	24 41.1	24 30.4	24 19.7
154													
26 59.7	26 50.5	26 36.2	26 22.1	26 08.1	25 54.5	25 41.5	25 28.5	25 16.2	25 04.5	24 53.2	24 42.2	24 31.5	24 20.8
155													
27 00.7	26 51.5	26 37.2	26 23.1	26 09.0	25 55.4	25 42.5	25 29.4	25 17.1	25 05.5	24 54.2	24 43.2	24 32.5	24 21.8
156													
27 01.7	26 52.5	26 38.2	26 24.1	26 10.0	25 56.4	25 43.5	25 30.4	25 18.1	25 06.5	24 55.2	24 44.2	24 33.5	24 22.8
157													
27 02.7	26 53.5	26 39.2	26 25.1	26 11.0	25 57.4	25 44.5	25 31.4	25 19.1	25 07.5	24 56.2	24 45.2	24 34.5	24 23.8
158													
27 03.7	26 54.5	26 40.2	26 26.1	26 11.9	25 58.3	25 45.5	25 32.3	25 20.0	25 08.5	24 57.2	24 46.2	24 35.5	24 24.8
159													
27 04.7	26 55.5	26 41.2	26 27.1	26 12.9	25 59.3	25 46.5	25 33.3	25 21.0	25 09.5	24 58.2	24 47.2	24 36.5	24 25.7
160													
27 05.6	26 56.4	26 42.1	26 28.0	26 13.8	26 00.2	25 47.4	25 34.2	25 21.9	25 10.5	24 59.2	24 48.2	24 37.5	24 26.6
161													
27 06.4	26 57.2	26 42.9	26 28.8	26 14.5	26 00.9	25 48.2	25 34.9	25 22.6	25 11.3	25 00.0	24 49.0	24 38.3	24 27.4
162													
27 07.1	26 57.9	26 43.6	26 29.5	26 15.2	26 01.6	25 48.9	25 35.6	25 23.3	25 12.0	25 00.7	24 49.7	24 39.0	24 28.1
163													
27 07.8	26 58.6	26 44.3	26 30.2	26 15.9	26 02.3	25 49.6	25 36.3	25 24.0	25 12.7	25 01.4	24 50.4	24 39.7	24 28.8
164													
27 08.5	26 59.3	26 45.0	26 30.9	26 16.6	26 03.0	25 50.3	25 37.0	25 24.7	25 13.4	25 02.1	24 51.1	24 40.4	24 29.5
165													
27 09.2	27 00.0	26 45.7	26 31.6	26 17.3	26 03.7	25 51.0	25 37.7	25 25.3	25 14.1	25 02.8	24 51.8	24 41.1	24 30.2
166													
27 09.9	27 00.6	26 46.3	26 32.2	26 17.8	26 04.2	25 51.6	25 38.2	25 25.9	25 14.7	25 03.4	24 52.4	24 41.7	24 30.8
167													
27 10.4	27 01.2	26 46.9	26 32.8	26 18.4	26 04.8	25 52.2	25 39.4	25 27.1	25 15.3	25 04.0	24 53.0	24 42.3	24 31.4
168													
27 11.0	27 01.8	26 47.5	26 33.4	26 19.0	26 05.4	25 52.8	25 39.9	25 27.6	25 15.9	25 04.6	24 53.6	24 42.9	24 32.0
169													
27 11.5	27 02.3	26 48.0	26 33.9	26 19.5	26 05.9	25 53.3	25 40.3	25 28.0	25 16.8	25 05.5	24 54.5	24 43.8	24 32.9
170													
27 11.9	27 02.7	26 48.4	26 34.3	26 19.9	26 06.3	25 53.7	25 40.8	25 28.4	25 17.2	25 05.9	24 54.9	24 44.2	24 33.3
171													
27 12.3	27 03.1	26 48.8	26 34.7	26 20.4	26 06.8	25 54.1	25 41.1	25 28.7	25 17.4	25 06.1	24 55.1	24 44.4	24 33.6
172													
27 12.6	27 03.4	26 49.1	26 35.0	26 20.7	26 07.1	25 54.4	25 41.4	25 29.0	25 17.9	25 06.4	24 55.4	24 44.7	24 33.9
173													
27 12.9	27 03.7	26 49.4	26 35.3	26 21.0	26 07.4	25 54.7	25 41.6	25 29.3	25 18.0	25 06.7	24 55.6	24 44.9	24 34.1
174													
27 13.1	27 03.9	26 49.5	26 35.4	26 21.1	26 07.6	25 54.8	25 41.9	25 29.5	25 18.1	25 06.8	24 55.7	24 45.0	24 34.3
175													
27 13.3	27 04.1	26 49.7	26 35.6	26 21.2	26 07.9	25 55.0	25 42.0	25 29.6	25 18.3	25 06.9	24 55.8	24 45.1	24 34.4
176													
27 13.4	27 04.2	26 49.8	26 35.7	26 21.3	26 08.0	25 55.1	25 42.1	25 29.7	25 18.4	25 06.7	24 55.7	24 45.0	24 34.4
177													
27 13.5	27 04.3	26 49.9	26 35.8	26 21.4	26 08.2	25 55.2	25 42.2	25 29.8	25 18.5	25 06.8	24 55.8	24 45.1	24 34.5
178													
27 13.5	27 04.3	26 49.9	26 35.8	26 21.4	26 08.3	25 55.2	25 42.3	25 29.9	25 18.6	25 06.7	24 55.7	24 45.0	24 34.5
180													

TIMES OF SKP      BRANCH AB

Δ	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
130	22 36.2	22 27.1	22 12.9	21 59.0	21 45.4	21 32.1	21 19.2	21 06.5	20 54.6	20 43.0	20 32.0	20 21.2	20 10.9	20 00.9
131	22 40.4	22 31.3	22 17.1	22 03.2	21 49.6	21 36.3	21 23.4	21 10.7	20 56.8	20 47.2	20 36.2	20 25.5	20 15.1	20 05.1
132	22 44.6	22 35.5	22 21.3	22 07.4	21 53.8	21 40.5	21 27.6	21 14.9	21 03.0	20 51.4	20 40.4	20 29.7	20 19.3	20 09.3
133	22 48.9	22 39.8	22 25.6	22 11.7	21 58.1	21 44.8	21 31.9	21 19.2	21 07.3	20 55.7	20 44.7	20 34.0	20 23.6	20 13.6
134	22 53.2	22 44.1	22 29.9	22 16.0	22 02.4	21 49.1	21 36.2	21 23.5	21 11.6	21 00.0	20 49.0	20 38.5	20 27.9	20 17.9
135	22 57.6	22 48.5	22 34.3	22 20.4	22 06.8	21 53.5	21 40.6	21 27.9	21 16.0	21 04.4	20 53.4	20 42.6	20 32.3	20 22.3
136	23 01.9	22 52.8	22 38.6	22 24.7	22 11.1	21 57.8	21 44.9	21 32.2	21 20.3	21 08.7	20 57.7	20 46.9	20 36.6	20 26.6
137	23 06.2	22 57.1	22 42.9	22 29.0	22 15.4	22 02.1	21 49.2	21 36.5	21 24.6	21 13.0	21 02.0	20 51.2	20 40.9	20 30.9
138	23 10.6	23 01.5	22 47.3	22 33.4	22 19.8	22 06.5	21 53.6	21 40.9	21 29.0	21 17.4	21 06.4	20 55.6	20 45.3	20 35.3
139	23 15.0	23 05.9	22 51.7	22 37.8	22 24.2	22 10.9	21 58.0	21 45.3	21 33.4	21 21.8	21 10.8	21 00.0	20 49.7	20 39.7
140	23 19.5	23 10.4	22 56.2	22 42.3	22 28.7	22 15.4	22 02.5	21 49.8	21 37.9	21 26.3	21 15.3	21 04.5	20 54.2	20 44.2
141	23 23.9	23 14.8	23 00.6	22 46.7	22 33.1	22 19.8	22 06.9	21 54.2	21 42.3	21 30.7	21 19.7	21 09.0	20 58.6	20 48.6
142	23 28.4	23 19.3	23 05.1	22 51.2	22 37.6	22 24.3	22 11.4	21 58.7	21 46.8	21 35.2	21 24.2	21 13.5	21 03.1	20 53.1
143	23 32.8	23 23.6	23 09.4	22 55.6	22 42.0	22 28.7	22 15.7	22 03.1	21 51.2	21 39.6	21 28.6	21 17.9	21 07.5	20 57.5
144	23 37.2	23 28.0	23 13.8	23 00.0	22 46.4	22 33.1	22 20.2	22 07.5	21 55.6	21 44.1	21 33.0	21 22.3	21 12.0	21 02.0
145	23 41.8	23 32.6	23 18.4	23 04.6	22 51.0	22 37.7	22 24.8	22 12.1	22 00.2	21 48.7	21 37.7	21 27.0	21 16.6	21 06.6
146	23 46.2	23 37.1	23 22.8	23 09.0	22 55.4	22 42.1	22 29.2	22 16.6	22 04.7	21 53.2	21 42.1	21 31.4	21 21.1	21 11.1
147	23 50.6	23 41.5	23 27.2	23 13.4	22 59.8	22 46.5	22 33.6	22 21.0	22 09.2	21 57.6	21 46.6	21 35.9	21 25.6	21 15.6
148	23 55.0	23 45.9	23 31.6	23 17.8	23 04.2	22 51.0	22 38.1	22 25.5	22 13.6	22 02.1	21 51.1	21 40.4	21 30.1	21 20.1

BRANCH BC

Δ	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
130	22 36.2	22 27.0	22 12.8	21 58.8	21 45.1	21 31.7	21 18.5	21 05.8	20 53.5	20 41.8	20 30.7	20 19.9	20 09.3	19 59.1
131	22 39.9	22 30.7	22 16.5	22 02.5	21 48.8	21 35.5	21 22.4	21 09.7	20 57.4	20 45.7	20 34.6	20 23.8	20 13.3	20 03.1
132	22 43.4	22 34.2	22 20.0	22 06.0	21 52.3	21 38.9	21 25.8	21 13.2	21 00.9	20 49.2	20 38.1	20 27.4	20 16.9	20 06.7
133	22 46.6	22 37.4	22 23.2	22 09.2	21 55.5	21 42.1	21 29.0	21 16.3	21 04.0	20 52.4	20 41.3	20 30.5	20 20.0	20 09.9
134	22 49.7	22 40.5	22 26.3	22 12.3	21 58.6	21 45.2	21 32.1	21 19.4	21 07.1	20 55.4	20 44.3	20 33.6	20 23.0	20 12.9
135	22 52.7	22 43.5	22 29.3	22 15.3	22 01.6	21 48.2	21 35.0	21 22.3	21 10.0	20 58.3	20 47.2	20 36.4	20 25.8	20 15.6
136	22 55.6	22 46.4	22 32.2	22 18.2	22 04.4	21 51.0	21 37.9	21 25.1	21 12.8	21 01.1	20 49.9	20 39.1	20 28.5	20 18.3
137	22 58.3	22 49.1	22 34.9	22 20.8	22 07.1	21 53.5	21 40.5	21 27.7	21 15.4	21 03.6	20 52.5	20 41.6	20 31.0	20 20.7
138	23 00.9	22 51.7	22 37.5	22 23.4	22 09.6	21 56.2	21 43.0	21 30.3	21 17.9	21 06.1	20 54.9	20 44.0	20 33.4	20 23.2
139	23 03.4	22 54.2	22 40.0	22 25.9	22 12.1	21 58.7	21 45.5	21 32.8	21 20.4	21 08.6	20 57.4	20 46.5	20 35.9	20 25.6
140	23 05.7	22 56.5	22 42.3	22 28.2	22 14.4	22 01.0	21 47.8	21 35.1	21 22.7	21 10.9	20 59.7	20 48.8	20 38.2	20 28.0

BRANCH DEF

Δ	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
104	21 57.0	21 47.8	21 33.5	21 19.5	21 05.7	20 52.2	20 39.0	20 26.3	20 13.9	20 02.1	19 50.8	19 39.9	19 29.2	19 19.0
105	21 59.0	21 49.8	21 35.5	21 21.5	21 07.7	20 54.2	20 41.0	20 28.3	20 15.9	20 04.1	19 52.8	19 41.9	19 31.2	19 21.0
106	22 00.9	21 51.7	21 37.4	21 23.4	21 09.6	20 56.1	20 42.9	20 30.1	20 17.8	20 06.0	19 54.7	19 43.8	19 33.1	19 22.8

Depth  $h =$

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	s	m	s	m	s	m	s	m	s	m	s	m	s
107	22 02.3	21 53.7	21 39.4	21 25.4	21 11.6	20 58.1	20 44.9	20 32.1	20 19.8	20 08.0	19 56.7	19 45.8	19 35.1	19 24.8
108	22 04.8	21 55.6	21 41.3	21 27.3	21 13.5	21 00.0	20 46.8	20 34.0	20 21.7	20 09.9	19 58.6	19 47.7	19 37.0	19 26.7
109	22 06.8	21 57.6	21 43.3	21 29.2	21 15.5	21 02.0	20 48.8	20 36.0	20 23.7	20 11.9	20 00.6	19 49.6	19 39.0	19 28.7
110	22 08.7	21 59.5	21 45.2	21 31.1	21 17.4	21 03.9	20 50.7	20 37.9	20 25.6	20 13.7	20 02.5	19 51.5	19 40.9	19 30.6
111	22 10.7	22 01.5	21 47.2	21 33.1	21 19.4	21 05.9	20 52.7	20 39.9	20 27.6	20 15.7	20 04.5	19 53.5	19 42.9	19 32.6
112	22 12.6	22 03.4	21 49.1	21 35.0	21 21.3	21 07.8	20 54.6	20 41.8	20 29.5	20 17.6	20 06.4	19 55.4	19 44.7	19 34.5
113	22 14.6	22 05.4	21 51.1	21 37.0	21 23.3	21 09.8	20 56.6	20 43.8	20 31.5	20 19.6	20 08.4	19 57.4	19 46.7	19 36.4
114	22 16.5	22 07.3	21 53.0	21 38.9	21 25.2	21 11.7	20 58.5	20 45.7	20 33.4	20 21.5	20 10.3	19 59.3	19 48.6	19 38.3
115	22 18.4	22 09.2	21 54.9	21 40.8	21 27.1	21 13.6	21 00.4	20 47.6	20 35.3	20 23.4	20 12.2	20 01.2	19 50.5	19 40.2
116	22 20.4	22 11.2	21 56.9	21 42.8	21 29.1	21 15.5	21 02.4	20 49.6	20 37.3	20 25.4	20 14.1	20 03.2	19 52.5	19 42.2
117	22 22.3	22 13.1	21 58.8	21 44.7	21 31.0	21 17.5	21 04.3	20 51.5	20 39.2	20 27.3	20 16.0	20 05.1	19 54.4	19 44.1
118	22 24.2	22 15.1	22 00.8	21 46.7	21 33.0	21 19.5	21 06.2	20 53.5	20 41.2	20 29.3	20 18.0	20 07.1	19 56.4	19 46.1
119	22 26.2	22 17.0	22 02.7	21 48.6	21 34.9	21 21.4	21 08.2	20 55.4	20 43.1	20 31.2	20 19.9	20 08.9	19 52.3	19 42.0
120	22 28.1	22 18.9	22 04.6	21 50.5	21 36.7	21 23.3	21 10.1	20 57.5	20 45.0	20 33.1	20 21.8	20 10.8	20 00.2	19 49.9
121	22 30.1	22 20.9	22 06.5	21 52.5	21 38.7	21 25.2	21 12.0	20 59.3	20 47.0	20 35.1	20 23.8	20 12.8	20 02.2	19 51.9
122	22 32.0	22 22.8	22 08.5	21 54.4	21 40.6	21 27.2	21 14.0	21 01.2	20 49.9	20 37.0	20 25.7	20 14.7	20 04.0	19 53.8
123	22 34.0	22 24.8	22 10.5	21 56.4	21 42.6	21 29.2	21 16.0	21 03.2	20 50.9	20 39.0	20 27.7	20 16.7	20 06.0	19 55.7
124	22 35.9	22 26.7	22 12.4	21 58.3	21 44.5	21 31.1	21 17.9	21 05.1	20 52.8	20 40.9	20 29.6	20 18.6	20 07.9	19 57.6
125	22 37.7	22 28.5	22 14.2	21 60.1	21 46.3	21 32.8	21 19.5	21 06.9	20 54.6	20 42.7	20 31.4	20 20.4	20 09.7	19 59.4
126	22 39.6	22 30.4	22 16.1	21 62.0	21 48.2	21 34.6	21 21.5	21 08.8	20 56.5	20 44.6	20 33.3	20 22.3	20 11.6	20 01.2
127	22 41.5	22 32.3	22 18.0	21 63.9	21 50.1	21 36.5	21 23.4	21 10.7	20 58.4	20 46.5	20 35.2	20 24.2	20 13.5	20 03.2
128	22 43.4	22 34.2	22 19.9	21 65.8	21 52.0	21 38.5	21 25.3	21 12.5	21 00.2	20 48.4	20 37.1	20 26.1	20 15.4	20 05.1
129	22 45.2	22 36.0	22 21.7	21 67.6	21 53.8	21 40.3	21 27.1	21 14.3	21 02.0	20 50.2	20 38.9	20 27.9	20 17.2	20 06.9
130	22 47.0	22 37.8	22 23.5	21 69.4	21 55.6	21 42.1	21 28.9	21 16.1	21 03.8	20 51.9	20 40.7	20 29.7	20 19.0	20 08.7
131	22 48.9	22 39.7	22 25.4	21 71.3	21 57.5	21 44.0	21 30.6	21 18.0	21 05.7	20 53.8	20 42.6	20 31.6	20 20.9	20 10.6
132	22 50.7	22 41.5	22 27.2	21 73.1	21 59.3	21 45.8	21 32.4	21 19.8	21 07.5	20 55.6	20 44.3	20 33.4	20 22.7	20 12.4
133	22 52.6	22 43.4	22 29.1	21 75.0	22 01.2	21 47.7	21 34.5	21 21.7	21 09.4	20 57.5	20 46.2	20 35.2	20 24.5	20 14.3
134	22 54.4	22 45.2	22 30.9	21 76.8	22 03.0	21 49.5	21 36.3	21 23.5	21 11.2	20 59.3	20 48.0	20 37.0	20 26.3	20 15.0
135	22 56.3	22 47.1	22 32.8	21 78.7	22 04.9	21 51.4	21 38.2	21 25.4	21 13.1	21 01.2	20 49.9	20 38.9	20 28.2	20 17.9
136	22 58.1	22 48.9	22 34.6	22 20.5	22 06.7	21 53.2	21 40.0	21 27.2	21 14.9	21 03.0	20 51.7	20 40.7	20 30.0	20 19.7
137	22 59.8	22 50.6	22 36.3	22 22.2	22 08.4	21 54.9	21 41.7	21 28.9	21 16.6	21 04.7	20 53.4	20 42.4	20 31.7	20 21.4
138	23 01.6	22 52.4	22 38.1	22 24.0	22 10.2	21 56.7	21 43.5	21 30.7	21 18.4	21 06.5	20 55.2	20 44.2	20 33.5	20 23.2
139	23 03.3	22 54.1	22 39.8	22 25.7	22 11.9	21 58.4	21 45.2	21 32.4	21 20.1	21 08.2	20 56.9	20 45.9	20 35.2	20 24.9
140	23 05.0	22 55.8	22 41.5	22 27.4	22 13.6	22 00.1	21 46.9	21 34.1	21 21.8	21 09.9	20 58.6	20 47.6	20 36.9	20 26.6
141	23 06.7	22 57.5	22 43.2	22 29.1	22 15.3	22 01.8	21 48.6	21 35.8	21 23.5	21 11.6	21 00.3	20 49.3	20 38.6	20 28.3
142	23 08.3	22 59.1	22 44.8	22 30.7	22 16.9	22 03.4	21 50.2	21 37.4	21 25.1	21 13.2	21 01.9	20 50.9	20 40.2	20 29.9
143	23 10.0	23 00.8	22 46.5	22 32.4	22 18.6	22 05.1	21 51.9	21 39.1	21 26.8	21 14.9	21 03.6	20 52.6	20 41.9	20 31.6
144	23 11.7	23 02.5	22 48.2	22 34.1	22 20.3	22 06.8	21 53.6	21 40.8	21 28.5	21 16.6	21 05.3	20 54.3	20 43.6	20 33.2
145	23 13.3	23 04.1	22 49.8	22 35.7	22 21.9	22 08.4	21 55.2	21 42.4	21 30.1	21 18.2	21 06.9	20 55.8	20 45.1	20 34.8
146	23 14.9	23 05.7	22 51.4	22 37.3	22 23.5	22 10.0	21 56.8	21 44.0	21 31.7	21 19.8	21 08.4	20 57.4	20 46.7	20 36.4

TIMES OF SKP  
 BRANCH DEF

Δ	Depth h =																							
	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
147	23	16.4	23	07.2	22	52.9	22	38.8	22	25.0	22	11.5	21	58.3	21	45.5	21	33.2	21	21.3	21	09.9	20	58.9
148	23	17.9	23	08.7	22	54.4	22	40.3	22	26.5	22	13.0	21	59.8	21	47.0	21	34.7	21	22.8	21	11.4	21	00.4
149	23	19.3	23	10.1	22	55.8	22	41.7	22	27.9	22	14.4	22	01.2	21	48.4	21	36.1	21	24.1	21	12.8	21	01.8
150	23	20.8	23	11.6	22	57.3	22	43.2	22	29.4	22	15.9	22	02.7	21	49.9	21	37.6	21	25.6	21	14.3	21	03.3
151	23	22.2	23	13.0	22	58.7	22	44.6	22	30.8	22	17.3	22	04.1	21	51.2	21	38.9	21	27.0	21	15.7	21	04.7
152	23	23.5	23	14.3	23	00.0	22	45.9	22	32.1	22	18.6	22	05.4	21	52.5	21	40.2	21	28.3	21	17.0	21	06.0
153	23	24.8	23	15.6	23	01.3	22	47.2	22	33.4	22	19.9	22	06.7	21	53.8	21	41.5	21	29.6	21	18.3	21	07.3
154	23	26.1	23	16.9	23	02.6	22	48.5	22	34.7	22	21.2	22	07.9	21	55.1	21	42.8	21	30.9	21	19.6	21	08.5
155	23	27.4	23	18.2	23	03.9	22	49.8	22	36.0	22	22.4	22	09.2	21	56.4	21	44.1	21	32.2	21	20.8	21	09.8
156	23	28.6	23	19.4	23	05.1	22	51.0	22	37.2	22	23.6	22	10.4	21	57.6	21	45.3	21	33.4	21	22.0	21	11.0
157	23	29.7	23	20.5	23	06.2	22	52.1	22	38.3	22	24.7	22	11.5	21	58.7	21	46.4	21	34.5	21	23.1	21	12.1
158	23	30.8	23	21.6	23	07.3	22	53.2	22	39.4	22	25.8	22	12.6	21	59.8	21	47.5	21	35.6	21	24.2	21	13.2
159	23	31.8	23	22.6	23	08.3	22	54.2	22	40.3	22	26.8	22	13.6	22	00.8	21	48.5	21	36.6	21	25.2	21	14.2
160	23	32.8	23	23.6	23	09.3	22	55.2	22	41.3	22	27.8	22	14.6	22	01.8	21	49.5	21	37.5	21	26.2	21	15.1
161	23	33.8	23	24.6	23	10.3	22	56.2	22	42.3	22	28.8	22	15.6	22	02.8	21	50.5	21	38.5	21	27.2	21	16.1
162	23	34.8	23	25.6	23	11.3	22	57.2	22	43.3	22	29.8	22	16.6	22	03.8	21	51.5	21	39.5	21	28.2	21	17.1
163	23	35.8	23	26.6	23	12.3	22	58.2	22	44.3	22	30.8	22	17.6	22	04.7	21	52.5	21	40.5	21	29.1	21	18.1
164	23	36.6	23	27.4	23	13.1	22	59.0	22	45.1	22	31.6	22	18.4	22	05.5	21	53.2	21	41.3	21	29.9	21	18.9
165	23	37.3	23	28.1	23	13.8	22	59.6	22	45.8	22	32.3	22	19.1	22	06.2	21	53.9	21	42.0	21	30.6	21	19.6
166	23	37.9	23	28.7	23	14.4	23	00.2	22	46.4	22	32.9	22	19.7	22	06.8	21	54.5	21	42.6	21	31.2	21	20.2
167	23	38.6	23	29.4	23	15.1	23	00.9	22	47.1	22	33.6	22	20.4	22	07.5	21	55.2	21	43.3	21	31.9	21	20.8
168	23	39.2	23	30.0	23	15.7	23	01.5	22	47.7	22	34.2	22	21.0	22	08.1	21	55.8	21	43.9	21	32.5	21	21.4
169	23	39.8	23	30.6	23	16.2	23	02.1	22	48.3	22	34.8	22	21.6	22	08.7	21	56.4	21	44.4	21	33.1	21	22.0
170	23	40.4	23	31.2	23	16.8	23	02.7	22	48.9	22	35.4	22	22.2	22	09.3	21	57.0	21	45.0	21	33.6	21	22.6
171	23	41.0	23	31.8	23	17.4	23	03.3	22	49.5	22	36.0	22	22.7	22	09.9	21	57.6	21	45.6	21	34.2	21	23.2
172	23	41.4	23	32.2	23	17.8	23	03.7	22	49.9	22	36.3	22	23.1	22	10.3	21	57.9	21	46.0	21	34.6	21	23.6
173	23	41.7	23	32.5	23	18.1	23	04.0	22	50.2	22	36.6	22	23.4	22	10.6	21	58.2	21	46.3	21	34.9	21	23.9
174	23	42.0	23	32.8	23	18.4	23	04.3	22	50.5	22	36.9	22	23.7	22	10.9	21	58.5	21	46.6	21	35.2	21	24.2
175	23	42.3	23	33.1	23	18.7	23	04.6	22	50.8	22	37.2	22	24.0	22	11.1	21	58.8	21	46.9	21	35.5	21	24.4
176	23	42.5	23	33.3	23	18.9	23	04.8	22	51.0	22	37.4	22	24.2	22	11.3	21	59.0	21	47.1	21	35.7	21	24.6
177	23	42.7	23	33.5	23	19.1	23	05.0	22	51.2	22	37.6	22	24.4	22	11.5	21	59.2	21	47.2	21	35.8	21	24.8
178	23	42.8	23	33.6	23	19.2	23	05.1	22	51.3	22	37.7	22	24.5	22	11.6	21	59.3	21	47.3	21	35.9	21	24.9
179	23	42.9	23	33.7	23	19.3	23	05.2	22	51.4	22	37.8	22	24.6	22	11.7	21	59.4	21	47.4	21	36.0	21	25.0
180	23	42.9	23	33.7	23	19.3	23	05.2	22	51.4	22	37.8	22	24.6	22	11.7	21	59.4	21	47.4	21	36.0	21	25.0

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
104	30 15.1	30 09.7	30 01.6	29 53.7	29 46.0	29 38.5	29 31.2	29 24.0	29 17.1	29 10.6	29 04.3	28 58.3	28 52.3	28 46.3
105	30 10.7	30 05.3	29 57.2	29 49.3	29 41.6	29 34.1	29 26.8	29 19.6	29 12.7	29 06.2	28 59.9	28 53.9	28 47.9	28 41.9
106	30 06.2	30 00.8	29 52.7	29 44.8	29 37.1	29 29.6	29 22.3	29 15.1	29 08.2	29 01.7	28 55.4	28 49.4	28 43.4	28 37.4
107	30 01.8	29 56.4	29 48.3	29 40.4	29 32.7	29 25.2	29 17.9	29 10.7	29 03.8	28 57.3	28 51.0	28 45.0	28 39.0	28 33.0
108	29 57.4	29 52.0	29 43.9	29 36.0	29 28.3	29 20.8	29 13.5	29 06.3	28 59.4	28 52.9	28 46.6	28 40.6	28 34.6	28 28.6
109	29 52.9	29 47.5	29 39.4	29 31.5	29 23.8	29 16.3	29 09.0	29 01.8	28 54.9	28 48.4	28 42.1	28 36.1	28 30.1	28 24.1
110	29 48.5	29 43.1	29 35.0	29 27.1	29 19.4	29 11.9	29 04.6	28 57.4	28 50.5	28 44.0	28 37.8	28 31.8	28 25.7	28 19.8
111	29 44.0	29 38.6	29 30.5	29 22.6	29 14.9	29 07.4	29 00.1	28 52.9	28 46.0	28 39.5	28 33.3	28 27.3	28 21.3	28 15.3
112	29 39.6	29 34.2	29 26.1	29 18.2	29 10.5	29 03.0	28 55.7	28 48.5	28 41.6	28 35.1	28 28.9	28 22.9	28 16.9	28 10.9
113	29 35.2	29 29.8	29 21.7	29 13.8	29 06.1	28 58.6	28 51.3	28 44.1	28 37.2	28 30.7	28 24.5	28 18.5	28 12.5	28 06.5
114	29 30.9	29 25.5	29 17.4	29 09.5	29 01.8	28 54.3	28 47.0	28 39.8	28 32.9	28 26.4	28 20.2	28 14.2	28 08.2	28 02.2
115	29 26.5	29 21.1	29 13.0	29 05.1	28 57.4	28 49.9	28 42.6	28 35.5	28 28.5	28 22.0	28 15.9	28 09.9	28 03.9	27 57.9
116	29 22.2	29 16.8	29 08.8	29 00.9	28 53.1	28 45.6	28 38.3	28 31.2	28 24.3	28 17.8	28 11.6	28 05.6	27 59.6	27 53.6
117	29 17.8	29 12.4	29 04.4	28 56.5	28 48.8	28 41.3	28 34.0	28 26.8	28 19.9	28 13.4	28 07.2	28 01.2	27 55.2	27 49.2
118	29 13.5	29 08.1	29 00.1	28 52.2	28 44.5	28 37.0	28 29.7	28 22.5	28 15.6	28 09.1	28 03.0	27 57.0	27 51.0	27 44.9
119	29 09.2	29 03.8	28 55.8	28 47.9	28 40.2	28 32.7	28 25.4	28 18.2	28 11.3	28 04.8	27 58.7	27 52.7	27 46.7	27 40.7
120	29 04.8	28 59.4	28 51.4	28 43.5	28 35.8	28 28.3	28 21.0	28 13.8	28 06.9	28 00.4	27 54.3	27 48.3	27 42.3	27 36.3
121	29 00.5	28 55.1	28 47.1	28 39.2	28 31.5	28 24.0	28 16.7	28 09.6	28 02.7	27 56.2	27 50.0	27 44.0	27 38.0	27 32.0
122	28 56.2	28 50.8	28 42.8	28 34.9	28 27.2	28 19.7	28 12.4	28 05.3	27 58.4	27 51.9	27 45.8	27 39.8	27 33.7	27 27.8
123	28 52.0	28 46.6	28 38.6	28 30.6	28 23.0	28 15.5	28 08.2	28 01.1	27 54.2	27 47.7	27 41.5	27 35.6	27 29.6	27 23.6
124	28 47.8	28 42.4	28 34.3	28 26.4	28 18.8	28 11.3	28 04.0	27 56.9	27 50.0	27 43.5	27 37.4	27 31.4	27 25.4	27 19.4
125	28 43.6	28 38.2	28 30.1	28 22.2	28 14.5	28 07.1	27 59.8	27 52.6	27 45.8	27 39.3	27 33.2	27 27.2	27 21.2	27 15.2
126	28 39.4	28 34.0	28 25.9	28 18.0	28 10.3	28 02.8	27 55.6	27 48.4	27 41.6	27 35.1	27 29.0	27 23.1	27 17.0	27 11.0

BRANCH BC

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
93	30 20.7	30 15.3	30 07.3	29 59.5	29 51.9	29 44.5	29 37.2	29 30.2	29 23.5	29 17.0	29 10.9	29 05.0	28 59.2	28 53.4
94	30 18.4	30 13.0	30 05.0	29 57.2	29 49.6	29 42.2	29 34.9	29 27.9	29 21.2	29 14.7	29 08.6	29 02.7	28 56.9	28 51.1
95	30 16.1	30 10.7	30 02.7	29 54.9	29 47.4	29 39.9	29 32.7	29 25.6	29 18.9	29 12.5	29 06.3	29 00.4	28 54.6	28 48.8
96	30 13.7	30 08.3	30 00.4	29 52.6	29 45.0	29 37.6	29 30.3	29 23.3	29 16.6	29 10.1	29 04.0	28 58.1	28 52.2	28 46.5
97	30 11.2	30 05.8	29 57.9	29 50.1	29 42.5	29 35.1	29 27.8	29 20.8	29 14.1	29 07.6	29 01.5	28 55.6	28 49.8	28 44.0
98	30 08.7	30 03.4	29 55.4	29 47.6	29 40.0	29 32.6	29 25.4	29 18.3	29 11.6	29 05.2	28 59.1	28 53.2	28 47.3	28 41.6
99	30 06.2	30 00.9	29 52.9	29 45.1	29 37.6	29 30.1	29 22.9	29 15.9	29 09.2	29 02.7	28 56.6	28 50.7	28 44.9	28 39.1
100	30 03.7	29 58.4	29 50.4	29 42.6	29 35.1	29 27.7	29 20.4	29 13.4	29 06.7	29 00.3	28 54.2	28 48.3	28 42.5	28 36.7
101	30 01.1	29 55.8	29 47.8	29 40.0	29 32.5	29 25.1	29 17.9	29 10.9	29 04.2	28 57.7	28 51.7	28 45.8	28 39.9	28 34.2
102	29 58.4	29 53.1	29 45.2	29 37.4	29 29.8	29 22.4	29 15.2	29 08.2	29 01.5	28 55.1	28 49.0	28 43.1	28 37.3	28 31.6
103	29 55.7	29 50.4	29 42.5	29 34.7	29 27.2	29 19.8	29 12.6	29 05.6	28 58.9	28 52.5	28 46.4	28 40.5	28 34.7	28 29.0
104	29 52.9	29 47.6	29 39.7	29 31.9	29 24.4	29 17.0	29 09.8	29 02.8	28 56.1	28 49.7	28 43.7	28 37.8	28 32.0	28 26.3
105	29 50.1	29 44.8	29 36.9	29 29.1	29 21.6	29 14.2	29 07.1	29 00.1	28 53.4	28 47.0	28 40.9	28 35.0	28 29.3	28 23.6

TIMES OF PKKP BRANCH BC

Δ	Depth <i>h</i> =													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	s	m	s	m	s	m	s	m	s	m	s	m	s
103	29 47.3	29 42.0	29 34.1	29 26.3	29 18.8	29 11.5	29 04.3	28 57.3	28 50.6	28 44.3	28 38.2	28 32.3	28 26.5	28 20.9
107	29 44.4	29 39.1	29 31.2	29 23.4	29 15.9	29 08.6	29 01.4	28 54.5	28 47.8	28 41.4	28 35.3	28 29.5	28 23.7	28 18.1
108	29 41.5	29 36.2	29 28.3	29 20.5	29 13.0	29 05.7	28 58.6	28 51.6	28 44.9	28 38.6	28 32.5	28 26.6	28 20.9	28 15.2
109	29 38.5	29 33.2	29 25.3	29 17.6	29 10.1	29 02.7	28 55.6	28 48.6	28 42.0	28 35.6	28 29.5	28 23.7	28 17.9	28 12.3
110	29 35.5	29 30.2	29 22.3	29 14.6	29 07.1	28 59.7	28 52.6	28 45.7	28 39.0	28 32.6	28 26.6	28 20.7	28 15.0	28 09.4
111	29 32.5	29 27.2	29 19.3	29 11.6	29 04.1	28 56.8	28 49.6	28 42.7	28 36.0	28 29.7	28 23.6	28 17.8	28 12.0	28 06.4
112	29 29.4	29 24.1	29 16.2	29 08.5	29 01.0	28 53.7	28 46.6	28 39.6	28 32.9	28 26.6	28 20.5	28 14.7	28 09.0	28 03.3
113	29 26.3	29 21.0	29 13.1	29 05.4	28 57.9	28 50.6	28 43.5	28 36.5	28 29.9	28 23.5	28 17.4	28 11.6	28 05.9	28 00.3
114	29 23.0	29 17.7	29 09.8	29 02.1	28 54.6	28 47.3	28 40.2	28 33.2	28 26.5	28 20.2	28 14.1	28 08.3	28 02.6	27 57.0
115	29 19.7	29 14.4	29 06.5	28 58.8	28 51.3	28 44.0	28 36.8	28 29.9	28 23.2	28 16.9	28 10.8	28 05.0	27 59.2	27 53.6
116	29 16.4	29 11.1	29 03.2	28 55.5	28 48.0	28 40.6	28 33.5	28 26.6	28 19.9	28 13.5	28 07.5	28 01.7	27 55.9	27 50.3
117	29 13.1	29 07.8	28 59.9	28 52.2	28 44.7	28 37.3	28 30.2	28 23.2	28 16.0	28 10.2	28 04.1	27 58.3	27 52.5	27 46.9
118	29 09.6	29 04.3	28 56.4	28 48.6	28 41.1	28 33.8	28 26.7	28 19.7	28 13.0	28 06.6	28 00.6	27 54.7	27 49.0	27 43.3
119	29 06.1	29 00.8	28 52.9	28 45.1	28 37.6	28 30.3	28 23.1	28 16.1	28 09.4	28 03.1	27 57.0	27 51.1	27 45.3	27 39.7
120	29 02.5	28 57.2	28 49.3	28 41.5	28 34.0	28 26.6	28 19.4	28 12.5	28 05.8	27 59.4	27 53.3	27 47.4	27 41.6	27 35.9
121	28 58.8	28 53.5	28 45.6	28 37.8	28 30.3	28 22.9	28 15.7	28 08.7	28 02.0	27 55.5	27 49.5	27 43.6	27 37.7	27 32.0
122	28 55.1	28 49.8	28 41.9	28 34.1	28 26.5	28 19.1	28 11.9	28 04.9	27 58.1	27 51.7	27 45.6	27 39.7	27 33.8	27 28.1
123	28 51.4	28 46.1	28 38.2	28 30.3	28 22.8	28 15.3	28 08.1	28 01.0	27 54.3	27 47.9	27 41.7	27 35.8	27 29.9	27 24.1
124	28 47.4	28 42.1	28 34.1	28 26.3	28 18.7	28 11.3	28 04.0	27 56.9	27 50.1	27 43.7	27 37.5	27 31.6	27 25.7	27 19.8
125	28 43.4	28 38.1	28 30.1	28 22.2	28 14.7	28 07.2	27 59.8	27 52.7	27 46.0	27 39.5	27 33.3	27 27.3	27 21.4	27 15.5
126	28 39.4	28 34.1	28 26.1	28 18.2	28 10.6	28 03.1	27 55.7	27 48.6	27 41.8	27 35.2	27 29.1	27 23.0	27 17.0	27 11.1

BRANCH DF

	BRANCH DF													
	m	s	m	s	m	s	m	s	m	s	m	s	m	s
0	31	50.0	31	44.6	31	36.5	31	28.6	31	20.9	31	13.4	31	05.1
1	31	50.1	31	44.7	31	36.6	31	28.7	31	21.0	31	13.5	31	06.2
2	31	50.1	31	44.8	31	36.7	31	28.8	31	21.1	31	13.6	31	06.3
3	31	50.1	31	44.8	31	36.7	31	28.8	31	21.1	31	13.6	31	06.3
4	31	50.1	31	44.7	31	36.6	31	28.7	31	21.0	31	13.5	31	06.2
5	31	50.0	31	44.6	31	36.5	31	28.6	31	20.9	31	13.4	31	06.1
6	31	49.8	31	44.4	31	36.3	31	28.4	31	20.7	31	13.2	31	05.9
7	31	49.6	31	44.3	31	36.1	31	28.2	31	20.6	31	13.1	31	05.8
8	31	49.4	31	44.1	31	35.9	31	28.0	31	20.3	31	12.8	31	05.5
9	31	49.2	31	43.8	31	35.7	31	27.8	31	20.1	31	12.6	31	05.3
10	31	49.0	31	43.6	31	35.5	31	27.6	31	19.9	31	12.4	31	05.1
11	31	48.8	31	43.4	31	35.3	31	27.4	31	19.7	31	12.2	31	04.9
12	31	48.6	31	43.3	31	35.1	31	27.2	31	19.5	31	12.0	31	04.7
13	31	48.4	31	43.1	31	35.0	31	27.1	31	19.4	31	11.9	31	04.6
14	31	48.2	31	42.8	31	34.7	31	26.8	31	19.1	31	11.6	31	04.3

Depth  $h =$ 

	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
15	31	48.0	31	42.6	31	34.5	31	26.6	31	18.9	31	11.4	31	04.1	30	56.9	30	50.0	30	43.5	30	37.2	30	31.2	30	25.2	30	19.2
16	31	47.7	31	42.3	31	34.2	31	26.3	31	18.6	31	11.1	31	03.8	30	56.6	30	49.7	30	43.2	30	37.0	30	31.0	30	25.0	30	19.0
17	31	47.3	31	42.0	31	33.9	31	26.0	31	18.3	31	10.8	31	03.5	30	56.3	30	49.4	30	42.9	30	36.6	30	30.6	30	24.6	30	18.6
18	31	46.9	31	41.6	31	33.5	31	25.6	31	17.9	31	10.4	31	03.1	30	55.9	30	49.0	30	42.5	30	36.3	30	30.3	30	24.3	30	18.3
19	31	46.5	31	41.1	31	33.0	31	25.1	31	17.4	31	09.9	31	02.6	30	55.4	30	48.5	30	42.0	30	35.8	30	29.8	30	23.8	30	17.8
20	31	46.0	31	40.6	31	32.5	31	24.6	31	16.9	31	09.4	31	02.1	30	54.9	30	47.4	30	41.5	30	35.3	30	29.3	30	23.3	30	17.3
21	31	45.4	31	40.0	31	32.0	31	24.1	31	16.4	31	08.9	31	01.6	30	54.3	30	46.9	30	40.9	30	34.7	30	28.7	30	22.7	30	16.7
22	31	44.8	31	39.5	31	31.4	31	23.5	31	15.8	31	08.3	31	01.0	30	53.8	30	46.9	30	40.4	30	34.2	30	28.2	30	22.2	30	16.2
23	31	44.2	31	38.9	31	30.8	31	22.9	31	15.2	31	07.7	31	00.4	30	53.2	30	46.3	30	39.8	30	33.6	30	27.6	30	21.6	30	15.6
24	31	43.6	31	38.2	31	30.1	31	22.2	31	14.5	31	07.0	30	59.7	30	52.5	30	45.6	30	39.1	30	32.9	30	26.9	30	20.9	30	14.9
25	31	43.0	31	37.6	31	29.5	31	21.6	31	13.9	31	06.4	30	59.1	30	51.9	30	45.0	30	38.5	30	32.3	30	26.3	30	20.3	30	14.3
26	31	42.3	31	37.0	31	28.9	31	21.0	31	13.3	31	05.8	30	58.5	30	51.3	30	44.4	30	37.9	30	31.7	30	25.7	30	19.7	30	13.7
27	31	41.7	31	36.3	31	28.3	31	20.4	31	12.7	31	05.2	30	57.9	30	50.7	30	43.8	30	37.3	30	31.5	30	25.1	30	19.1	30	13.1
28	31	41.1	31	35.7	31	27.7	31	19.8	31	12.1	31	04.6	30	57.3	30	50.1	30	43.2	30	36.7	30	30.5	30	24.5	30	18.5	30	12.5
29	31	40.5	31	35.2	31	27.1	31	19.2	31	11.5	31	04.0	30	56.7	30	48.9	30	42.6	30	36.1	30	29.9	30	23.9	30	17.9	30	11.9
30	31	40.0	31	34.6	31	26.5	31	18.6	31	10.9	31	03.4	30	56.1	30	48.4	30	42.0	30	35.5	30	29.4	30	23.4	30	17.4	30	11.4
31	31	39.4	31	34.1	31	26.0	31	18.1	31	10.4	31	02.9	30	55.5	30	48.4	30	41.5	30	35.0	30	28.8	30	22.8	30	16.8	30	10.8
32	31	38.9	31	33.5	31	25.4	31	17.5	31	09.8	31	02.3	30	55.0	30	47.9	30	41.0	30	34.5	30	28.3	30	22.3	30	16.3	30	10.3
33	31	38.3	31	32.9	31	24.0	31	16.9	31	09.2	31	01.7	30	54.4	30	47.3	30	40.4	30	33.9	30	27.7	30	21.7	30	15.7	30	09.7
34	31	37.6	31	32.3	31	23.5	31	16.3	31	08.6	31	01.1	30	53.8	30	46.7	30	39.7	30	33.2	30	27.1	30	21.1	30	15.1	30	09.1
35	31	37.0	31	31.6	31	23.0	31	15.6	31	07.9	31	00.4	30	53.1	30	45.2	30	39.1	30	32.6	30	26.4	30	20.4	30	14.4	30	08.4
36	31	36.2	31	30.8	31	22.8	31	14.9	31	07.2	30	59.7	30	52.4	30	45.2	30	38.3	30	31.8	30	25.6	30	19.6	30	13.6	30	07.5
37	31	35.3	31	30.0	31	21.9	31	14.0	31	06.3	30	58.8	30	51.5	30	44.2	30	37.4	30	30.9	30	24.8	30	18.8	30	12.8	30	06.8
38	31	34.3	31	29.0	31	20.9	31	13.0	31	05.3	30	57.8	30	50.5	30	43.3	30	36.4	30	29.9	30	23.8	30	17.8	30	11.8	30	05.8
39	31	33.2	31	27.9	31	19.8	31	11.9	31	04.2	30	56.7	30	49.4	30	42.2	30	35.3	30	28.8	30	22.7	30	16.7	30	10.7	30	04.7
40	31	32.0	31	26.6	31	18.6	31	10.7	31	03.0	30	55.5	30	48.2	30	41.0	30	34.1	30	27.6	30	21.4	30	15.4	30	09.4	30	03.4
41	31	31.1	31	25.8	31	17.7	31	09.8	31	02.1	30	54.6	30	47.3	30	40.2	30	33.3	30	26.8	30	20.6	30	14.6	30	08.6	30	02.6
42	31	30.3	31	25.0	31	17.0	31	09.1	31	01.4	30	53.9	30	46.6	30	39.4	30	32.5	30	26.0	30	19.8	30	13.8	30	07.8	30	01.8
43	31	29.6	31	24.2	31	16.2	31	08.3	31	00.6	30	53.1	30	45.8	30	38.6	30	31.7	30	25.2	30	19.0	30	13.0	30	07.1	30	01.0
44	31	28.8	31	23.4	31	15.4	31	07.5	30	59.8	30	52.3	30	45.0	30	37.8	30	30.9	30	24.4	30	18.3	30	12.3	30	06.3	30	00.3
45	31	28.0	31	22.6	31	14.6	31	06.7	30	59.0	30	51.5	30	44.2	30	37.0	30	30.1	30	23.6	30	17.5	30	11.5	30	05.5	29	59.4
46	31	27.1	31	21.7	31	13.7	31	05.8	30	58.1	30	50.6	30	43.3	30	36.1	30	29.2	30	22.7	30	16.6	30	10.6	30	04.6	29	58.6
47	31	26.2	31	20.8	31	12.8	31	04.9	30	57.2	30	49.7	30	42.4	30	35.2	30	28.3	30	21.8	30	15.7	30	09.7	30	03.7	29	57.7
48	31	25.2	31	19.8	31	11.8	31	03.9	30	56.2	30	48.7	30	41.4	30	34.2	30	27.3	30	20.8	30	14.7	30	08.7	30	02.7	29	56.7
49	31	24.1	31	18.8	31	10.7	31	02.8	30	55.1	30	47.6	30	40.2	30	33.2	30	26.3	30	19.8	30	13.7	30	07.7	30	01.6	29	55.6
50	31	23.0	31	17.6	31	09.5	31	01.6	30	53.9	30	46.4	30	39.1	30	32.0	30	25.1	30	18.6	30	12.5	30	06.5	30	00.4	29	54.5
51	31	21.8	31	16.4	31	08.3	31	00.4	30	52.7	30	45.2	30	37.9	30	30.8	30	23.9	30	17.4	30	11.3	30	05.4	29	53.3	29	53.3
52	31	20.6	31	15.2	31	07.1	30	59.2	30	51.5	30	44.0	30	36.7	30	25.6	30	22.8	30	16.2	30	10.2	30	04.2	29	52.1	29	52.1
53	31	19.4	31	14.0	31	05.9	30	58.0	30	50.3	30	42.8	30	35.5	30	28.4	30	21.5	30	15.0	30	09.0	30	03.0	29	56.9	29	50.9
54	31	18.2	31	12.8	31	04.7	30	56.7	30	49.0	30	41.6	30	34.3	30	27.2	30	20.3	30	13.8	30	07.7	30	01.8	29	55.7	29	49.7

Depth  $h =$ 

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
55	31	17.0	31	11.5	31	03.4	30	55.5	30	47.8	30	40.3	30	33.1	30	25.9	30	19.1	30	12.5	30	06.5	30	00.5	29	54.4	29	48.4
56	31	15.7	31	10.3	31	02.2	30	54.3	30	46.6	30	39.1	30	31.8	30	24.7	30	17.8	30	11.3	30	05.3	30	00.5	29	54.4	29	48.4
57	31	14.5	31	09.1	31	01.0	30	53.0	30	45.3	30	37.9	30	30.6	30	23.5	30	16.6	30	10.1	30	04.0	29	58.1	29	51.9	29	46.0
58	31	13.3	31	07.9	30	59.8	30	51.8	30	44.1	30	36.6	30	29.4	30	22.2	30	15.4	30	08.9	30	02.8	29	56.9	29	50.7	29	44.8
59	31	12.1	31	06.7	30	58.6	30	50.6	30	42.9	30	35.5	30	28.2	30	21.1	30	14.2	30	07.7	30	01.7	29	55.7	29	49.6	29	43.6
60	31	11.0	31	05.5	30	57.4	30	49.5	30	41.8	30	34.3	30	27.0	30	19.9	30	13.1	30	06.5	30	00.5	29	54.5	29	48.4	29	42.4
61	31	09.6	31	04.2	30	56.1	30	48.1	30	40.4	30	32.9	30	25.7	30	18.6	30	11.7	30	05.2	29	59.1	29	53.2	29	47.0	29	41.1
62	31	08.2	31	02.8	30	54.7	30	46.8	30	39.0	30	31.6	30	24.3	30	17.2	30	10.3	30	03.8	29	57.8	29	51.8	29	45.7	29	39.7
63	31	06.8	31	01.4	30	53.3	30	45.3	30	37.6	30	30.2	30	22.9	30	15.8	30	08.9	30	02.4	29	56.4	29	50.4	29	44.3	29	38.3
64	31	05.4	31	00.0	30	51.9	30	43.9	30	36.2	30	28.8	30	21.5	30	14.4	30	07.5	30	01.0	29	54.9	29	49.0	29	42.8	29	36.9
65	31	04.0	30	58.5	30	50.4	30	42.5	30	34.8	30	27.3	30	20.1	30	12.9	30	06.1	29	59.5	29	53.5	29	47.5	29	41.4	29	35.4
66	31	02.5	30	57.1	30	49.0	30	41.1	30	33.4	30	25.9	30	18.6	30	11.5	30	04.6	29	58.1	29	52.1	29	46.1	29	40.0	29	34.0
67	31	01.1	30	55.7	30	47.6	30	39.7	30	32.0	30	24.5	30	17.2	30	10.1	30	03.2	29	56.7	29	50.7	29	44.7	29	38.6	29	32.6
68	30	59.7	30	54.3	30	46.2	30	38.3	30	30.6	30	23.1	30	15.8	30	08.7	30	01.8	29	55.3	29	49.3	29	43.3	29	37.2	29	31.2
69	30	58.3	30	52.9	30	44.8	30	36.9	30	29.2	30	21.7	30	14.5	30	07.3	30	00.5	29	54.0	29	47.9	29	41.9	29	35.8	29	29.9
70	30	57.0	30	51.5	30	43.5	30	35.5	30	27.9	30	20.4	30	13.1	30	06.0	29	59.5	29	52.6	29	46.5	29	40.6	29	34.5	29	28.5
71	30	55.6	30	50.2	30	42.1	30	34.2	30	26.5	30	19.0	30	11.7	30	04.6	29	57.8	29	51.3	29	45.2	29	39.2	29	33.1	29	27.2
72	30	54.2	30	48.8	30	40.8	30	32.8	30	25.2	30	17.7	30	10.4	30	03.3	29	56.4	29	49.9	29	43.8	29	37.9	29	31.8	29	25.8
73	30	52.8	30	47.4	30	39.4	30	31.5	30	23.8	30	16.3	30	09.0	30	01.9	29	55.1	29	48.6	29	42.5	29	36.5	29	30.4	29	24.5
74	30	51.4	30	46.0	30	38.0	30	30.1	30	22.4	30	14.9	30	07.6	30	00.5	29	53.7	29	47.2	29	41.1	29	35.1	29	29.1	29	23.1
75	30	50.0	30	44.6	30	36.6	30	28.7	30	21.0	30	13.5	30	06.2	29	59.1	29	52.3	29	45.8	29	39.7	29	33.7	29	27.7	29	21.7
76	30	48.5	30	43.1	30	35.1	30	27.2	30	19.6	30	12.1	30	04.8	29	57.7	29	50.9	29	44.4	29	38.3	29	32.3	29	26.2	29	20.3
77	30	46.9	30	41.6	30	33.6	30	25.7	30	18.1	30	10.6	30	03.3	29	56.2	29	49.4	29	42.9	29	36.8	29	30.8	29	24.8	29	18.9
78	30	45.3	30	40.0	30	32.0	30	24.1	30	16.5	30	09.0	30	01.7	29	54.6	29	47.9	29	41.3	29	35.2	29	29.2	29	23.2	29	17.3
79	30	43.7	30	38.4	30	30.4	30	22.5	30	14.9	30	07.4	30	00.1	29	53.0	29	46.2	29	39.7	29	33.6	29	27.6	29	21.6	29	15.8
80	30	42.0	30	36.6	30	28.7	30	20.8	30	13.2	30	05.7	29	58.4	29	51.3	29	44.5	29	38.1	29	31.9	29	25.9	29	20.0	29	14.1
81	30	40.4	30	35.1	30	27.1	30	19.2	30	11.7	30	04.2	29	56.9	29	49.8	29	43.0	29	36.5	29	30.4	29	24.4	29	18.5	29	12.6
82	30	38.8	30	33.5	30	25.6	30	17.7	30	10.1	30	02.6	29	55.3	29	48.3	29	41.5	29	35.0	29	28.9	29	22.9	29	16.9	29	11.1
83	30	37.2	30	31.9	30	24.0	30	16.1	30	08.6	30	01.1	29	53.8	29	46.7	29	39.9	29	33.5	29	27.3	29	21.3	29	15.4	29	09.6
84	30	35.6	30	30.3	30	22.4	30	14.5	30	07.0	29	59.5	29	52.2	29	45.1	29	38.3	29	31.9	29	25.7	29	19.7	29	13.8	29	08.0
85	30	34.0	30	28.7	30	20.8	30	12.9	30	05.4	29	57.9	29	50.6	29	43.5	29	36.7	29	30.3	29	24.1	29	18.1	29	12.2	29	06.4
86	30	32.3	30	27.0	30	19.1	30	11.2	30	03.7	29	56.2	29	48.9	29	41.8	29	35.1	29	28.6	29	22.5	29	16.5	29	10.6	29	04.8
87	30	30.5	30	25.3	30	17.4	30	09.5	30	02.0	29	54.5	29	47.2	29	40.1	29	33.4	29	26.9	29	20.8	29	14.8	29	08.9	29	03.1
88	30	28.7	30	23.5	30	15.6	30	07.7	30	00.2	29	52.7	29	45.4	29	38.4	29	31.6	29	25.1	29	19.0	29	13.0	29	07.1	29	01.3
89	30	26.9	30	21.6	30	13.7	30	05.9	29	56.4	29	50.8	29	43.6	29	36.5	29	29.7	29	23.1	29	17.1	29	11.1	29	05.3	28	59.5
90	30	25.0	30	19.7	30	11.7	30	03.9	29	55.3	29	48.8	29	41.5	29	34.4	29	27.6	29	21.0	29	15.0	29	08.9	29	03.0	28	57.2
91	30	23.3	30	18.1	30	10.1	30	02.3	29	54.7	29	47.2	29	39.8	29	32.8	29	26.0	29	19.5	29	13.3	29	07.3	29	01.4	28	55.6
92	30	21.7	30	16.5	30	08.5	30	00.7	29	53.1	29	45.6	29	38.3	29	31.2	29	24.4	29	17.9	29	11.8	29	05.8	28	59.9	28	54.0
93	30	20.2	30	14.2	30	07.0	29	59.1	29	51.6	29	44.0	29	36.7	29	29.6	29	22.9	29	16.4	29	10.2	29	04.2	28	58.3	28	52.5
94	30	18.6	30	13.3	30	05.4	29	57.5	29	50.0	29	42.5	29	35.1	29	28.1	29	21.3	29	14.8	29	08.7	29	02.7	28	56.8	28	50.9

Dr. J. H. H.

Δ	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
95	30	17.0	30	11.7	30	03.8	29	55.9	29	48.4	29	40.9	29	33.6	29	26.5	29	19.7	29	13.5	29	07.1	29	01.1	28	55.2	28	49.4
96	30	15.3	30	10.0	30	02.1	29	54.3	29	46.7	29	39.2	29	31.9	29	24.9	29	18.1	29	11.7	29	05.5	28	59.5	28	53.7	28	47.8
97	30	13.6	30	08.3	30	00.4	29	52.6	29	45.0	29	37.6	29	30.3	29	23.2	29	16.5	29	10.0	29	03.9	28	57.9	28	52.0	28	46.2
98	30	11.8	30	06.5	29	58.6	29	50.8	29	43.3	29	35.8	29	28.5	29	21.5	29	14.7	29	08.3	29	02.2	28	56.2	28	50.3	28	44.5
99	30	09.9	30	04.7	29	56.8	29	48.9	29	41.4	29	34.0	29	26.7	29	19.7	29	12.9	29	06.5	29	00.4	28	54.4	28	48.5	28	42.8
100	30	08.0	30	02.7	29	54.9	29	47.0	29	39.5	29	32.0	29	24.8	29	17.7	29	11.0	29	04.6	28	58.5	28	52.5	28	46.7	28	40.9
101	30	06.2	30	00.9	29	53.0	29	45.2	29	37.7	29	30.2	29	23.0	29	16.0	29	09.3	29	02.8	28	56.7	28	50.8	28	44.9	28	39.2
102	30	04.4	29	59.1	29	51.2	29	43.4	29	35.9	29	28.5	29	21.2	29	14.2	29	07.5	29	01.1	28	55.0	28	49.0	28	43.2	28	37.5
103	30	02.6	29	57.3	29	49.4	29	41.6	29	34.1	29	26.7	29	19.5	29	12.5	29	05.7	29	00.4	28	53.2	28	47.3	28	41.5	28	35.8
104	30	00.8	29	55.5	29	47.6	29	39.8	29	32.3	29	24.9	29	17.7	29	10.7	29	04.0	28	57.6	28	51.5	28	45.6	28	39.8	28	34.0
105	29	59.0	29	53.7	29	45.8	29	38.0	29	30.5	29	23.1	29	15.9	29	08.9	29	02.2	28	55.8	28	49.7	28	43.8	28	38.0	28	32.3
106	29	57.2	29	51.9	29	44.0	29	36.2	29	28.7	29	21.3	29	14.1	29	07.1	29	00.4	28	54.0	28	47.9	28	42.0	28	36.2	28	30.6
107	29	55.4	29	50.1	29	42.2	29	34.4	29	26.9	29	19.5	29	12.3	29	05.3	28	58.6	28	52.2	28	46.1	28	40.3	28	34.5	28	28.8
108	29	53.6	29	48.3	29	40.4	29	32.6	29	25.1	29	17.7	29	10.5	29	03.5	28	56.8	28	50.4	28	44.3	28	38.5	28	32.7	28	27.0
109	29	51.8	29	46.5	29	38.6	29	30.8	29	23.3	29	15.9	29	08.7	29	01.7	28	55.0	28	48.6	28	42.5	28	36.7	28	30.9	28	25.2
110	29	50.0	29	44.6	29	36.7	29	28.9	29	21.3	29	13.9	29	06.6	28	59.6	28	52.9	28	46.5	28	40.4	28	34.5	28	28.7	28	22.9
111	29	47.9	29	42.6	29	34.6	29	26.8	29	19.3	29	11.9	29	04.6	28	57.6	28	50.9	28	44.4	28	38.3	28	32.4	28	26.6	28	20.8
112	29	45.9	29	40.6	29	32.6	29	24.8	29	17.2	29	09.8	29	02.5	28	55.5	28	48.8	28	42.3	28	36.2	28	30.3	28	24.5	28	18.7
113	29	43.9	29	38.5	29	30.5	29	22.7	29	15.2	29	07.8	29	00.5	28	53.5	28	46.8	28	40.3	28	34.2	28	28.3	28	22.5	28	16.7
114	29	41.9	29	36.5	29	28.5	29	20.7	29	13.2	29	05.8	28	58.5	28	51.5	28	44.8	28	38.3	28	32.2	28	26.3	28	20.5	28	14.7
115	29	40.0	29	34.6	29	26.6	29	18.8	29	11.2	29	03.8	28	56.5	28	49.5	28	42.8	28	36.3	28	30.2	28	24.3	28	18.5	28	12.7
116	29	38.1	29	32.7	29	24.7	29	16.9	29	09.3	29	01.9	28	54.6	28	47.6	28	40.9	28	34.4	28	28.3	28	22.4	28	16.6	28	10.8
117	29	36.3	29	31.0	29	23.0	29	15.2	29	07.6	29	00.2	28	52.9	28	45.9	28	39.2	28	32.7	28	26.6	28	20.7	28	14.9	28	09.1
118	29	34.7	29	29.4	29	21.4	29	13.6	29	06.0	28	58.6	28	51.2	28	44.2	28	37.5	28	31.0	28	24.9	28	19.0	28	13.2	28	07.4
119	29	33.2	29	27.9	29	19.9	29	12.1	29	04.5	28	57.1	28	49.8	28	42.8	28	36.1	28	29.6	28	23.5	28	17.6	28	11.8	28	06.0
120	29	32.0	29	26.6	29	18.6	29	10.8	29	03.2	28	55.8	28	48.5	28	41.5	28	34.8	28	28.3	28	22.2	28	16.3	28	10.5	28	04.7
121	29	30.0	29	24.7	29	16.7	29	08.9	29	01.3	28	53.9	28	46.6	28	39.6	28	32.9	28	26.4	28	20.3	28	14.4	28	08.6	28	02.8
122	29	28.1	29	22.7	29	14.7	29	06.9	28	59.3	28	51.9	28	44.6	28	37.6	28	30.9	28	24.4	28	18.3	28	12.4	28	06.6	28	00.8
123	29	26.1	29	20.7	29	12.7	29	04.9	28	57.3	28	49.9	28	42.6	28	35.6	28	28.9	28	22.4	28	16.3	28	10.4	28	04.6	27	58.8
124	29	24.0	29	18.7	29	10.7	29	02.9	28	55.3	28	47.9	28	40.6	28	33.6	28	26.9	28	20.4	28	14.3	28	08.4	28	02.6	27	56.8
125	29	22.0	29	16.6	29	08.6	29	00.8	28	53.2	28	45.8	28	38.5	28	31.5	28	24.8	28	18.3	28	12.2	28	06.3	28	00.5	27	54.7
126	29	19.9	29	14.5	29	06.5	28	58.7	28	51.1	28	43.7	28	36.4	28	29.4	28	22.7	28	16.2	28	10.1	28	04.2	28	00.5	27	52.6
127	29	17.8	29	12.5	29	04.5	28	56.7	28	49.1	28	41.7	28	34.4	28	27.4	28	20.7	28	14.2	28	08.1	28	02.2	27	56.4	27	50.6
128	29	15.8	29	10.5	29	02.5	28	54.7	28	47.1	28	39.7	28	32.4	28	25.4	28	18.7	28	12.2	28	06.1	28	00.2	27	54.4	27	48.6
129	29	13.9	29	08.5	29	00.5	28	52.7	28	45.1	28	37.7	28	30.4	28	23.4	28	16.7	28	10.2	28	04.1	28	00.2	27	52.4	27	46.6
130	29	12.0	29	06.6	28	58.6	28	50.8	28	43.2	28	35.8	28	28.5	28	21.5	28	14.8	28	08.3	28	02.2	28	00.2	27	50.5	27	44.7
131	29	10.0	29	04.5	28	56.6	28	48.8	28	41.2	28	33.8	28	26.5	28	19.5	28	12.8	28	06.3	28	00.2	28	00.2	27	48.5	27	42.7
132	29	08.0	29	02.6	28	54.6	28	46.8	28	39.2	28	31.8	28	24.5	28	17.5	28	10.8	28	04.3	28	00.2	27	58.2	27	52.3	27	46.5
133	29	06.0	29	00.6	28	52.6	28	44.8	28	37.2	28	29.6	28	22.5	28	15.5	28	08.8	28	02.3	27	56.2	27	50.3	27	44.5	27	38.7
134	29	04.0	29	00.6	28	50.6	28	42.8	28	35.2	28	27.3	28	20.5	28	13.5	28	06.8	28	00.3	27	54.2	27	48.3	27	42.5	27	36.7

TIMES OF PKKP BRANCH DE

Δ	Depth h =													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
135	29 02.0	28 56.6	28 48.6	28 40.6	28 33.2	28 25.8	28 18.5	28 11.5	28 04.8	27 58.3	27 52.2	27 46.3	27 40.5	27 34.7
136	28 59.9	28 54.6	28 46.6	28 38.6	28 31.2	28 23.8	28 16.5	28 09.5	28 02.8	27 56.3	27 50.2	27 44.3	27 38.5	27 32.7
137	28 57.9	28 52.6	28 44.6	28 36.6	28 29.2	28 21.8	28 14.5	28 07.5	28 00.8	27 54.3	27 48.2	27 42.3	27 36.5	27 30.7
138	28 56.0	28 50.6	28 42.6	28 34.6	28 27.2	28 19.8	28 12.5	28 05.5	27 58.8	27 52.3	27 46.2	27 40.3	27 34.5	27 28.7
139	28 53.9	28 48.6	28 40.6	28 32.6	28 25.2	28 17.8	28 10.5	28 03.5	27 56.8	27 50.3	27 44.2	27 38.3	27 32.5	27 26.8
140	28 52.0	28 46.6	28 38.6	28 30.6	28 23.2	28 15.8	28 08.6	28 01.6	27 54.5	27 48.4	27 42.3	27 36.4	27 30.6	27 24.8
141	28 50.1	28 44.8	28 36.8	28 28.8	28 21.4	28 14.0	28 06.8	27 59.8	27 53.1	27 46.6	27 40.5	27 34.6	27 28.8	27 23.0
142	28 48.3	28 43.0	28 35.0	28 27.0	28 19.6	28 12.3	28 05.0	27 58.0	27 51.3	27 44.8	27 38.7	27 32.8	27 27.1	27 21.3
143	28 46.6	28 41.2	28 33.2	28 25.2	28 17.9	28 10.5	28 03.2	27 56.2	27 49.5	27 43.0	27 37.0	27 31.1	27 25.3	27 19.5
144	28 44.8	28 39.4	28 31.4	28 23.4	28 16.1	28 08.7	28 01.4	27 54.4	27 47.8	27 41.3	27 35.2	27 29.3	27 23.5	27 17.8
145	28 43.0	28 37.6	28 29.6	28 21.6	28 14.3	28 06.9	27 59.6	27 52.6	27 46.0	27 39.5	27 33.4	27 27.5	27 21.7	27 16.0
146	28 41.1	28 35.8	28 27.8	28 20.0	28 12.4	28 05.0	27 57.8	27 50.8	27 44.1	27 37.6	27 31.5	27 25.7	27 19.9	27 14.1
147	28 39.2	28 33.9	28 25.9	28 18.1	28 10.5	28 03.1	27 55.9	27 48.9	27 42.2	27 35.7	27 29.6	27 23.8	27 18.0	27 12.2
148	28 37.2	28 31.9	28 23.9	28 16.1	28 08.5	28 01.1	27 53.9	27 46.9	27 40.2	27 33.8	27 27.7	27 21.8	27 16.0	27 10.3
149	28 35.1	28 29.8	28 21.8	28 14.0	28 06.5	27 59.1	27 51.8	27 44.8	27 38.2	27 31.7	27 25.6	27 19.7	27 14.0	27 08.2
150	28 33.0	28 27.6	28 19.6	28 11.9	28 04.3	27 56.9	27 49.7	27 42.7	27 36.0	27 29.5	27 23.4	27 17.6	27 11.8	27 06.0
151	28 30.9	28 25.6	28 17.6	28 09.8	28 02.2	27 54.9	27 47.5	27 40.6	27 34.0	27 27.5	27 21.4	27 15.5	27 09.7	27 04.0
152	28 28.9	28 23.6	28 15.5	28 07.8	28 00.2	27 52.8	27 45.6	27 38.6	27 31.9	27 25.5	27 19.4	27 13.5	27 07.7	27 02.0
153	28 26.9	28 21.6	28 13.5	28 05.8	27 58.2	27 50.8	27 43.5	27 36.6	27 29.9	27 23.4	27 17.4	27 11.5	27 05.7	26 59.9
154	28 24.9	28 19.6	28 11.6	28 03.8	27 56.2	27 48.8	27 41.6	27 34.6	27 27.9	27 21.4	27 15.4	27 09.5	27 03.7	26 57.9
155	28 23.0	28 17.6	28 09.6	28 01.8	27 54.3	27 45.9	27 39.6	27 32.6	27 26.0	27 19.5	27 13.4	27 07.5	27 01.7	26 56.0
156	28 21.0	28 15.7	28 07.7	27 59.9	27 52.3	27 45.0	27 37.7	27 30.7	27 24.0	27 17.5	27 11.4	27 05.6	26 59.8	26 54.0
157	28 19.2	28 13.8	28 05.9	27 58.1	27 50.5	27 43.1	27 35.8	27 28.8	27 22.1	27 15.6	27 09.6	27 03.7	26 57.9	26 52.1
158	28 17.4	28 12.0	28 04.0	27 56.2	27 48.6	27 41.3	27 34.0	27 27.0	27 20.3	27 13.8	27 07.7	27 01.8	26 56.0	26 50.3
159	28 15.6	28 10.3	28 02.3	27 54.5	27 46.9	27 39.5	27 32.2	27 25.2	27 18.5	27 12.0	27 05.9	27 00.0	26 54.2	26 48.4
160	28 14.0	28 08.6	28 00.6	27 52.8	27 45.2	27 37.8	27 30.5	27 23.5	27 16.8	27 10.3	27 04.2	26 58.3	26 52.5	26 46.7
161	28 12.0	28 06.7	27 58.6	27 50.8	27 43.2	27 35.8	27 28.5	27 21.5	27 14.8	27 08.3	27 02.2	26 56.3	26 50.5	26 44.7
162	28 10.0	28 04.6	27 56.6	27 48.8	27 41.2	27 33.8	27 26.4	27 19.4	27 12.7	27 06.2	27 00.1	26 54.2	26 48.4	26 42.5

Depth  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
134	32 08.3	32 02.9	31 54.9	31 47.0	31 39.3	31 31.8	31 24.5	31 17.3	31 10.4	31 03.9	30 57.8	30 51.8	30 45.8	30 39.8
135	32 03.9	31 58.5	31 50.4	31 42.5	31 34.8	31 27.3	31 20.0	31 12.9	31 06.0	30 59.5	30 53.3	30 47.3	30 41.3	30 35.3
136	31 50.5	31 54.1	31 46.0	31 38.1	31 30.4	31 22.9	31 15.6	31 08.5	31 01.6	30 55.1	30 48.9	30 42.9	30 36.9	30 30.9
137	31 55.1	31 49.7	31 41.6	31 33.7	31 26.0	31 19.5	31 12.2	31 04.1	30 57.2	30 50.7	30 44.5	30 38.5	30 32.5	30 26.5
138	31 50.7	31 45.3	31 37.2	31 29.3	31 21.6	31 14.1	31 06.8	30 59.7	30 52.8	30 46.3	30 40.1	30 34.1	30 28.1	30 22.1
139	31 46.2	31 40.8	31 32.7	31 24.8	31 17.1	31 09.6	31 02.3	30 55.2	30 48.3	30 41.8	30 35.6	30 29.6	30 23.6	30 17.6
140	31 41.8	31 36.4	31 28.3	31 20.4	31 12.7	31 05.2	30 57.9	30 50.8	30 43.9	30 37.4	30 31.2	30 25.2	30 19.2	30 13.2
141	31 37.3	31 31.9	31 23.9	31 16.0	31 08.3	31 00.8	30 53.5	30 46.3	30 39.4	30 32.9	30 26.7	30 20.7	30 14.7	30 08.7
142	31 32.9	31 27.5	31 19.5	31 11.6	31 03.9	30 56.4	30 49.1	30 41.9	30 35.0	30 28.5	30 22.3	30 16.3	30 10.3	30 04.3
143	31 28.5	31 23.1	31 15.0	31 07.1	30 59.4	30 51.9	30 44.6	30 37.5	30 30.6	30 24.1	30 17.9	30 11.9	30 05.9	29 59.9
144	31 24.0	31 18.6	31 10.5	31 02.6	30 54.9	30 47.4	30 40.1	30 33.0	30 26.1	30 19.6	30 13.4	30 07.4	30 01.4	29 55.4
145	31 19.6	31 14.2	31 06.1	30 58.2	30 50.5	30 43.0	30 35.7	30 28.5	30 21.6	30 15.1	30 08.9	30 02.9	29 56.9	29 50.9
146	31 15.2	31 09.8	31 01.7	30 53.8	30 46.1	30 38.6	30 31.3	30 24.1	30 17.2	30 10.7	30 04.5	29 58.5	29 52.5	29 46.5

BRANCH BC

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
100	33 42.3	33 36.9	33 28.9	33 21.1	33 13.5	33 06.1	32 58.8	32 51.8	32 45.1	32 38.6	32 32.5	32 26.6	32 20.9	32 15.0
101	33 40.0	33 34.6	33 26.6	33 18.8	33 11.2	33 03.8	32 56.5	32 49.5	32 42.8	32 36.2	32 30.1	32 24.2	32 18.4	32 12.6
102	33 37.7	33 32.3	33 24.3	33 16.5	33 08.9	33 01.5	32 54.1	32 47.1	32 40.4	32 33.9	32 27.8	32 21.9	32 16.1	32 10.3
103	33 35.3	33 29.9	33 21.9	33 14.1	33 06.5	32 59.0	32 51.7	32 44.7	32 38.0	32 31.5	32 25.4	32 19.5	32 13.6	32 07.8
104	33 32.8	33 27.4	33 19.4	33 11.6	33 04.0	32 56.5	32 49.2	32 42.2	32 35.5	32 29.0	32 22.9	32 16.9	32 11.1	32 05.3
105	33 30.3	33 24.9	33 16.9	33 09.1	33 01.5	32 54.0	32 46.7	32 39.7	32 33.0	32 26.5	32 20.4	32 14.4	32 08.6	32 02.8
106	33 27.7	33 22.3	33 14.3	33 06.5	32 58.9	32 51.4	32 44.1	32 37.1	32 30.4	32 23.9	32 17.8	32 11.9	32 06.0	32 00.2
107	33 25.1	33 19.7	33 11.7	33 03.9	32 56.3	32 48.9	32 41.5	32 34.5	32 27.8	32 21.3	32 15.2	32 09.3	32 03.5	31 57.6
108	33 22.5	33 17.1	33 09.1	33 01.3	32 53.7	32 46.3	32 38.9	32 31.9	32 25.2	32 18.7	32 12.6	32 06.7	32 00.9	31 55.1
109	33 19.9	33 14.5	33 06.5	32 58.7	32 51.1	32 43.7	32 36.4	32 29.4	32 22.7	32 16.2	32 10.1	32 04.2	31 58.4	31 52.5
110	33 17.3	33 11.9	33 03.9	32 56.1	32 48.5	32 41.1	32 33.8	32 26.8	32 20.1	32 13.6	32 07.5	32 01.6	31 55.8	31 50.0
111	33 14.6	33 09.2	33 01.2	32 53.4	32 45.8	32 38.4	32 31.1	32 24.1	32 17.5	32 11.0	32 04.9	31 59.0	31 53.2	31 47.4
112	33 11.9	33 06.5	32 58.5	32 50.7	32 43.2	32 35.8	32 28.5	32 21.5	32 14.8	32 08.3	32 02.2	31 56.3	31 50.5	31 44.8
113	33 09.1	33 03.7	32 55.7	32 48.0	32 40.4	32 33.0	32 25.7	32 18.7	32 12.1	32 05.6	31 59.5	31 53.6	31 47.8	31 42.1
114	33 06.3	33 00.9	32 53.0	32 45.2	32 37.6	32 30.2	32 23.0	32 16.0	32 09.3	32 02.8	31 56.8	31 50.9	31 45.1	31 39.3
115	33 03.5	32 58.1	32 50.2	32 42.4	32 34.8	32 27.5	32 20.2	32 13.2	32 06.6	32 00.1	31 54.0	31 48.2	31 42.4	31 36.6
116	33 00.6	32 55.3	32 47.3	32 39.5	32 32.0	32 24.6	32 17.4	32 10.4	32 03.7	31 57.3	31 51.2	31 45.3	31 39.6	31 33.8
117	32 57.6	32 52.3	32 44.3	32 36.5	32 29.0	32 21.6	32 14.4	32 07.4	32 00.8	31 54.3	31 48.3	31 42.4	31 36.6	31 30.9
118	32 54.7	32 49.4	32 41.4	32 33.7	32 26.1	32 18.8	32 11.6	32 04.6	31 57.9	31 51.5	31 45.4	31 39.6	31 33.8	31 28.1
119	32 51.7	32 46.4	32 38.4	32 30.7	32 23.1	32 15.8	32 08.6	32 01.6	31 55.0	31 48.6	31 42.5	31 36.6	31 30.9	31 25.2
120	32 48.7	32 43.4	32 35.5	32 27.7	32 20.2	32 12.9	32 05.8	31 58.8	31 52.2	31 45.8	31 39.8	31 34.0	31 28.2	31 22.6
121	32 45.7	32 40.4	32 32.5	32 24.7	32 17.2	32 09.9	32 02.8	31 55.9	31 49.2	31 42.8	31 36.8	31 31.0	31 25.2	31 19.6
122	32 42.6	32 37.3	32 29.4	32 21.7	32 14.1	32 06.8	31 59.7	31 52.8	31 46.1	31 39.7	31 33.7	31 27.9	31 22.1	31 16.5

Depth  $h =$

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
123	32	39.5	32	34.2	32	26.3	32	18.6	32	11.0	32	03.7	31	56.6	31	49.7	31	43.0	31	36.6	31	30.6	31	24.8	31	19.0	31	13.4
124	32	36.3	32	31.0	32	23.1	32	15.4	32	07.9	32	00.5	31	53.4	31	46.4	31	39.8	31	33.4	31	27.4	31	21.5	31	15.8	31	10.2
125	32	33.0	32	27.7	32	19.8	32	12.1	32	04.6	31	57.2	31	50.1	31	43.1	31	36.5	31	30.1	31	24.0	31	18.2	31	12.4	31	6.8
126	32	29.7	32	24.4	32	16.5	32	08.8	32	01.3	31	53.9	31	46.8	31	39.8	31	33.1	31	26.8	31	20.7	31	14.9	31	9.1	31	3.5
127	32	25.4	32	21.1	32	13.2	32	05.5	31	58.0	31	50.6	31	43.5	31	36.5	31	29.8	31	23.4	31	17.4	31	11.5	31	5.7	31	0.1
128	32	23.1	32	17.8	32	09.9	32	02.1	31	54.7	31	47.3	31	40.1	31	33.1	31	26.5	31	20.1	31	14.0	31	8.1	31	2.4	30	5.7
129	32	19.7	32	14.4	32	06.5	31	58.7	31	51.3	31	43.9	31	36.7	31	29.7	31	23.0	31	16.6	31	10.5	31	4.7	30	58.9	30	53.2
130	32	16.3	32	11.0	32	03.1	31	55.3	31	47.8	31	40.4	31	33.3	31	26.3	31	19.6	31	13.2	31	7.1	31	1.2	30	55.4	30	49.7
131	32	12.8	32	07.5	31	59.6	31	51.8	31	44.3	31	36.9	31	29.7	31	22.7	31	16.0	31	9.6	31	3.5	30	57.6	30	51.8	30	46.1
132	32	09.2	32	03.9	31	56.0	31	48.2	31	40.7	31	33.3	31	26.1	31	19.1	31	12.4	31	6.0	30	59.8	30	53.9	30	48.1	30	42.4
133	32	05.8	32	00.5	31	52.4	31	44.6	31	37.1	31	29.7	31	22.4	31	15.4	31	8.7	31	2.3	30	56.2	30	50.2	30	44.4	30	38.7
134	32	02.0	31	56.7	31	48.8	31	41.0	31	33.5	31	26.0	31	18.8	31	11.8	31	5.0	30	58.6	30	52.5	30	46.5	30	40.7	30	35.0
135	31	58.3	31	53.0	31	45.1	31	37.3	31	29.7	31	22.3	31	15.0	31	8.0	31	1.3	30	54.8	30	48.7	30	42.7	30	36.9	30	31.1
136	31	54.6	31	49.3	31	41.4	31	33.5	31	26.0	31	18.5	31	11.3	31	4.2	30	57.5	30	51.0	30	44.9	30	38.9	30	33.1	30	27.3
137	31	50.9	31	45.6	31	37.7	31	29.8	31	22.2	31	14.8	31	7.5	31	0.5	30	53.7	30	47.3	30	41.1	30	35.2	30	29.3	30	23.5
138	31	47.2	31	41.9	31	34.0	31	26.1	31	18.6	31	11.1	31	3.8	30	56.7	30	49.9	30	43.5	30	37.3	30	31.4	30	25.5	30	19.7
139	31	43.4	31	38.1	31	30.1	31	22.3	31	14.7	31	7.2	30	59.9	30	52.9	30	46.1	30	39.6	30	33.5	30	27.5	30	21.6	30	15.7
140	31	39.5	31	34.2	31	26.2	31	18.3	31	10.8	31	3.3	30	56.0	30	48.9	30	42.1	30	35.6	30	29.5	30	23.5	30	17.6	30	11.7
141	31	35.6	31	30.3	31	22.3	31	14.4	31	6.8	30	59.3	30	52.0	30	44.9	30	38.1	30	31.6	30	25.5	30	19.5	30	13.6	30	7.7
142	31	31.6	31	26.2	31	18.3	31	10.4	31	2.6	30	55.3	30	48.0	30	40.9	30	34.0	30	27.5	30	21.4	30	15.4	30	9.5	30	3.5
143	31	27.6	31	22.2	31	14.3	31	6.4	30	58.7	30	51.2	30	43.9	30	36.8	30	30.0	30	23.5	30	17.3	30	11.3	30	5.4	29	59.4
144	31	23.6	31	18.2	31	10.2	31	2.3	30	54.7	30	47.2	30	39.9	30	32.8	30	25.9	30	19.4	30	13.3	30	7.3	30	1.3	29	55.3
145	31	19.5	31	14.1	31	6.1	30	58.2	30	50.5	30	43.0	30	35.7	30	28.6	30	21.7	30	15.2	30	9.1	30	3.1	29	57.1	29	51.1
146	31	15.2	31	9.8	31	1.8	30	53.9	30	46.1	30	38.7	30	31.4	30	24.3	30	17.3	30	10.8	30	4.7	29	58.8	29	52.7	29	46.7

BRANCH DEF

	m		s		m		s		m		s		m		s		m		s		m		s		m		s	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
0	35	21.0	35	15.6	35	07.5	34	59.6	34	51.9	34	44.4	34	37.1	34	29.9	34	23.0	34	16.5	34	10.2	34	04.2	33	58.2	33	52.2
1	35	20.9	35	15.6	35	07.5	34	59.6	34	51.9	34	44.4	34	37.1	34	29.9	34	23.0	34	16.5	34	10.2	34	04.2	33	58.2	33	52.2
2	35	20.9	35	15.5	35	07.4	34	59.5	34	51.8	34	44.3	34	37.0	34	29.8	34	22.9	34	16.4	34	10.1	34	04.1	33	58.1	33	52.1
3	35	20.8	35	15.5	35	07.4	34	59.5	34	51.8	34	44.3	34	37.0	34	29.8	34	22.8	34	16.3	34	10.1	34	04.0	33	58.1	33	52.1
4	35	20.7	35	15.4	35	07.3	34	59.4	34	51.7	34	44.2	34	36.9	34	29.7	34	22.7	34	16.2	34	10.0	34	04.0	33	58.0	33	52.0
5	35	20.6	35	15.3	35	07.2	34	59.3	34	51.6	34	44.1	34	36.8	34	29.6	34	22.6	34	16.1	34	9.9	34	03.9	33	57.9	33	51.9
6	35	20.5	35	15.2	35	07.1	34	59.2	34	51.5	34	44.0	34	36.7	34	29.5	34	22.5	34	16.0	34	9.8	34	03.8	33	57.8	33	51.8
7	35	20.4	35	15.1	35	07.0	34	59.1	34	51.4	34	43.9	34	36.6	34	29.4	34	22.4	34	15.9	34	9.7	34	03.7	33	57.7	33	51.7
8	35	20.3	35	14.9	35	06.8	34	58.9	34	51.2	34	43.8	34	36.5	34	29.3	34	22.3	34	15.8	34	9.6	34	03.6	33	57.6	33	51.6
9	35	20.1	35	14.8	35	06.7	34	58.8	34	51.1	34	43.7	34	36.4	34	29.2	34	22.2	34	15.7	34	9.5	34	03.5	33	57.5	33	51.5
10	35	20.0	35	14.6	35	06.5	34	58.6	34	50.9	34	43.6	34	36.3	34	29.1	34	22.1	34	15.6	34	9.4	34	03.4	33	57.4	33	51.4
11	35	19.8	35	14.4	35	06.3	34	58.4	34	50.7	34	43.5	34	36.2	34	28.9	34	22.0	34	15.5	34	9.3	34	03.3	33	57.3	33	51.3

Depth  $h =$

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
12	m s 35 19.5	m s 35 14.2	m s 35 06.1	m s 34 58.2	m s 34 50.5	m s 34 43.0	m s 34 35.7	m s 34 28.5	m s 34 21.0	m s 34 13.1	m s 34 08.2	m s 34 02.0	m s 33 56.0	m s 33 50.8
13	35 19.3	35 14.0	35 05.8	34 57.9	34 50.2	34 42.7	34 35.4	34 28.2	34 21.3	34 14.8	34 08.6	34 02.6	33 56.6	33 50.6
14	35 19.0	35 13.7	35 05.6	34 57.7	34 50.0	34 42.5	34 35.2	34 28.0	34 21.1	34 14.6	34 08.3	34 02.3	33 56.3	33 50.3
15	35 18.8	35 13.4	35 05.3	34 57.4	34 49.7	34 42.2	34 34.9	34 27.7	34 20.8	34 14.3	34 08.0	34 02.0	33 56.0	33 50.0
16	35 18.5	35 13.1	35 05.0	34 57.1	34 49.4	34 42.0	34 34.6	34 27.4	34 20.5	34 14.0	34 07.7	34 01.7	33 55.7	33 49.7
17	35 18.1	35 12.8	35 04.6	34 56.7	34 49.1	34 41.5	34 34.3	34 27.0	34 20.1	34 13.6	34 07.4	34 01.4	33 55.4	33 49.4
18	35 17.8	35 12.4	35 04.3	34 56.4	34 48.7	34 41.2	34 33.9	34 26.7	34 19.8	34 13.3	34 07.0	34 01.0	33 55.0	33 49.0
19	35 17.4	35 12.0	35 03.9	34 56.0	34 48.3	34 40.8	34 33.5	34 26.3	34 19.4	34 12.9	34 06.7	34 00.7	33 54.7	33 48.7
20	35 17.0	35 11.6	35 03.5	34 55.6	34 47.9	34 40.4	34 33.1	34 25.9	34 19.0	34 12.5	34 06.2	34 00.2	33 54.2	33 48.2
21	35 16.5	35 11.1	35 03.0	34 55.1	34 47.4	34 39.9	34 32.6	34 25.4	34 18.5	34 12.0	34 05.8	33 59.8	33 53.8	33 47.8
22	35 15.9	35 10.6	35 02.5	34 54.6	34 46.9	34 39.4	34 32.1	34 24.9	34 18.0	34 11.5	34 05.2	33 59.2	33 53.2	33 47.2
23	35 15.4	35 10.0	35 01.9	34 54.0	34 46.3	34 38.8	34 31.5	34 24.3	34 17.4	34 10.9	34 04.7	33 58.7	33 52.7	33 46.7
24	35 14.8	35 09.4	35 01.3	34 53.4	34 45.8	34 38.3	34 31.0	34 23.8	34 16.8	34 10.3	34 04.1	33 58.1	33 52.1	33 46.1
25	35 14.2	35 08.9	35 00.8	34 52.9	34 45.2	34 37.7	34 30.4	34 23.2	34 16.3	34 09.8	34 03.6	33 57.6	33 51.6	33 45.6
26	35 13.6	35 08.2	35 00.1	34 52.2	34 44.6	34 37.1	34 29.8	34 22.6	34 15.7	34 09.2	34 03.0	33 57.0	33 51.0	33 45.0
27	35 12.9	35 07.6	34 59.5	34 51.6	34 43.9	34 36.4	34 29.1	34 21.9	34 15.0	34 08.5	34 02.3	33 56.3	33 50.3	33 44.3
28	35 12.3	35 06.9	34 58.9	34 51.0	34 43.3	34 35.8	34 28.5	34 21.3	34 14.4	34 07.9	34 01.7	33 55.7	33 49.7	33 43.7
29	35 11.6	35 06.3	34 58.2	34 50.3	34 42.6	34 35.1	34 27.8	34 20.6	34 13.7	34 07.2	34 01.0	33 55.1	33 49.1	33 43.0
30	35 11.0	35 05.6	34 57.5	34 49.6	34 41.9	34 34.4	34 27.1	34 20.0	34 13.1	34 06.5	34 00.4	33 54.4	33 48.4	33 42.4
31	35 10.3	35 05.0	34 56.9	34 48.4	34 41.3	34 33.8	34 26.5	34 19.3	34 12.4	34 05.9	33 59.1	33 53.1	33 47.1	33 41.1
32	35 09.7	35 04.3	34 56.3	34 47.7	34 40.7	34 33.2	34 25.9	34 18.7	34 11.8	34 05.3	33 58.5	33 52.5	33 46.5	33 40.5
33	35 09.0	35 03.7	34 55.6	34 47.0	34 39.3	34 31.8	34 24.5	34 17.4	34 10.4	34 03.9	33 57.8	33 51.8	33 45.8	33 39.8
34	35 08.3	35 03.0	34 54.9	34 46.3	34 38.6	34 31.1	34 23.8	34 16.7	34 09.8	34 03.3	33 57.1	33 51.1	33 45.1	33 39.1
35	35 07.6	35 02.3	34 54.2	34 45.6	34 37.9	34 30.4	34 23.1	34 16.0	34 09.1	34 02.6	33 56.4	33 50.4	33 44.4	33 38.4
36	35 06.9	35 01.6	34 53.5	34 44.9	34 37.2	34 29.7	34 22.4	34 15.3	34 08.4	34 01.9	33 55.7	33 49.7	33 43.7	33 37.7
37	35 06.2	35 00.9	34 52.8	34 44.2	34 36.5	34 29.0	34 21.7	34 14.5	34 07.6	34 01.1	33 55.0	33 49.0	33 43.0	33 37.0
38	35 05.5	35 0.1	34 52.1	34 43.4	34 35.7	34 28.2	34 20.9	34 13.8	34 06.9	34 00.4	33 54.2	33 48.2	33 42.2	33 36.2
39	35 04.7	34 59.4	34 51.3	34 42.7	34 35.0	34 27.5	34 20.2	34 13.0	34 06.1	33 59.6	33 53.5	33 47.5	33 41.5	33 35.4
40	35 04.0	34 58.6	34 50.6	34 42.0	34 34.2	34 26.7	34 19.3	34 12.2	34 05.3	33 58.8	33 52.6	33 46.6	33 40.6	33 34.6
41	35 03.1	34 57.8	34 49.7	34 41.9	34 34.0	34 26.5	34 19.1	34 12.0	34 05.1	33 58.0	33 51.8	33 45.8	33 39.8	33 33.8
42	35 02.3	34 57.0	34 48.9	34 41.0	34 33.3	34 25.8	34 18.5	34 11.4	34 04.5	33 58.0	33 51.8	33 45.8	33 39.8	33 33.8
43	35 01.5	34 56.1	34 48.1	34 40.2	34 32.5	34 25.0	34 17.7	34 10.5	34 03.6	33 57.1	33 51.0	33 45.0	33 39.0	33 33.0
44	35 00.6	34 55.3	34 47.2	34 39.3	34 31.6	34 24.1	34 16.8	34 09.6	34 02.7	33 56.2	33 50.1	33 44.1	33 38.1	33 32.1
45	34 59.7	34 54.4	34 46.3	34 38.4	34 30.7	34 23.2	34 15.9	34 08.8	34 01.8	33 55.3	33 49.2	33 43.2	33 37.2	33 31.2
46	34 58.8	34 53.5	34 45.4	34 37.5	34 29.8	34 22.3	34 15.0	34 07.8	34 00.9	33 54.4	33 48.3	33 42.3	33 36.3	33 30.3
47	34 57.9	34 52.5	34 44.5	34 36.6	34 28.9	34 21.4	34 14.1	34 06.9	34 00.0	33 53.5	33 47.4	33 41.4	33 35.4	33 29.4
48	34 56.9	34 51.6	34 43.5	34 35.6	34 27.9	34 20.4	34 13.1	34 06.0	33 59.1	33 52.6	33 46.4	33 40.4	33 34.4	33 28.4
49	34 55.9	34 50.6	34 42.5	34 34.7	34 27.0	34 19.5	34 12.1	34 05.0	33 58.1	33 51.6	33 45.4	33 39.4	33 33.4	33 27.4
50	34 55.0	34 49.6	34 41.6	34 33.7	34 26.0	34 18.5	34 11.2	34 04.0	33 57.1	33 50.6	33 44.5	33 38.5	33 32.5	33 26.5
51	34 54.0	34 48.6	34 40.6	34 32.7	34 25.0	34 17.5	34 10.2	34 03.0	33 56.1	33 49.6	33 43.5	33 37.5	33 31.5	33 25.5

TIMES OF PKKS  
 BRANCH DEF

Depth  $h =$

$\Delta$	Surface	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12
52	34 52.9	34 47.6	34 39.5	34 31.6	34 23.9	34 16.4	34 09.1	34 02.0	33 55.1	33 48.6	33 42.5	33 36.5	33 30.5	33 24.5
53	34 51.9	34 46.6	34 38.5	34 30.6	34 22.9	34 15.4	34 08.1	34 01.0	33 54.1	33 47.6	33 41.4	33 35.4	33 29.4	33 23.4
54	34 50.8	34 45.5	34 37.4	34 29.5	34 21.8	34 14.3	34 07.0	33 59.9	33 53.0	33 46.5	33 40.4	33 34.4	33 28.4	33 22.4
55	34 49.8	34 44.4	34 36.4	34 28.5	34 20.7	34 13.3	34 06.0	33 58.8	33 51.9	33 45.4	33 39.3	33 33.3	33 27.3	33 21.3
56	34 48.7	34 43.3	34 35.2	34 27.3	34 19.6	34 12.1	34 04.9	33 57.7	33 50.8	33 44.3	33 38.2	33 32.2	33 26.2	33 20.2
57	34 47.5	34 42.1	34 34.1	34 26.2	34 18.5	34 11.0	34 03.7	33 56.6	33 49.7	33 43.2	33 37.1	33 31.1	33 25.1	33 19.1
58	34 46.4	34 41.0	34 32.9	34 25.0	34 17.3	34 09.8	34 02.6	33 55.4	33 48.5	33 42.0	33 35.9	33 30.0	33 23.9	33 17.9
59	34 45.2	34 39.8	34 31.8	34 23.8	34 16.1	34 08.6	34 01.4	33 54.2	33 47.4	33 40.8	33 34.8	33 28.8	33 22.7	33 16.7
60	34 44.0	34 38.6	34 30.5	34 22.6	34 14.9	34 07.4	34 00.1	33 53.0	33 46.1	33 39.6	33 33.6	33 27.6	33 21.5	33 15.5
61	34 42.6	34 37.3	34 29.2	34 21.3	34 13.6	34 06.1	33 58.8	33 51.7	33 44.8	33 38.3	33 32.3	33 26.3	33 20.2	33 14.2
62	34 41.3	34 35.9	34 27.9	34 20.0	34 12.2	34 04.8	33 57.5	33 50.4	33 43.5	33 37.0	33 30.9	33 24.9	33 18.9	33 12.9
63	34 39.9	34 34.5	34 26.5	34 18.6	34 10.9	34 03.4	33 56.1	33 49.0	33 42.1	33 35.6	33 29.5	33 23.6	33 17.5	33 11.5
64	34 38.5	34 33.2	34 25.1	34 17.2	34 09.5	34 02.0	33 54.7	33 47.6	33 40.7	33 34.2	33 28.2	33 22.2	33 16.1	33 10.1
65	34 37.1	34 31.8	34 23.7	34 15.8	34 08.1	34 00.6	33 53.3	33 46.2	33 39.3	33 32.8	33 26.7	33 20.9	33 14.7	33 08.7
66	34 35.7	34 30.3	34 22.3	34 14.4	34 06.7	33 59.2	33 51.9	33 44.8	33 37.9	33 31.4	33 25.3	33 19.4	33 13.3	33 07.3
67	34 34.3	34 28.9	34 20.9	34 13.0	34 05.2	33 57.7	33 50.5	33 43.4	33 36.5	33 30.0	33 23.9	33 17.9	33 11.9	33 05.9
68	34 32.8	34 27.5	34 19.4	34 11.5	34 03.8	33 56.3	33 49.0	33 41.9	33 35.0	33 28.5	33 22.5	33 16.5	33 10.4	33 04.4
69	34 31.4	34 26.0	34 18.0	34 10.1	34 02.3	33 54.9	33 47.6	33 40.5	33 33.6	33 27.1	33 21.0	33 15.0	33 09.0	33 03.0
70	34 30.0	34 24.6	34 16.5	34 08.6	34 00.9	33 53.4	33 46.1	33 39.0	33 32.1	33 25.1	33 19.6	33 13.6	33 07.5	33 01.5
71	34 28.6	34 23.2	34 15.2	34 07.3	33 59.6	33 52.1	33 44.8	33 37.7	33 30.8	33 24.1	33 18.2	33 12.2	33 06.2	33 00.2
72	34 27.2	34 21.8	34 13.8	34 05.7	33 58.2	33 50.7	33 43.4	33 36.3	33 29.4	33 22.9	33 16.8	33 10.8	33 04.8	32 58.8
73	34 25.8	34 20.5	34 12.4	34 04.5	33 56.8	33 49.3	33 42.1	33 34.9	33 28.1	33 21.5	33 15.5	33 09.5	33 03.4	32 57.4
74	34 24.5	34 19.1	34 11.1	34 03.2	33 55.5	33 48.0	33 40.7	33 33.6	33 26.7	33 20.2	33 14.1	33 08.1	33 02.1	32 56.1
75	34 23.1	34 17.7	34 09.7	34 01.7	33 54.1	33 46.6	33 39.3	33 32.2	33 25.3	33 18.9	33 12.7	33 06.7	33 00.7	32 54.7
76	34 21.7	34 16.3	34 08.3	34 00.3	33 52.7	33 45.2	33 37.9	33 30.8	33 23.9	33 17.4	33 11.3	33 05.3	32 59.3	32 53.3
77	34 20.3	34 14.9	34 06.9	33 59.0	33 51.3	33 43.8	33 36.5	33 29.4	33 22.6	33 16.0	33 09.9	33 03.9	32 57.9	32 51.9
78	34 18.8	34 13.5	34 05.5	33 57.6	33 49.9	33 42.4	33 35.1	33 28.0	33 21.2	33 14.6	33 08.5	33 02.5	32 56.5	32 50.5
79	34 17.4	34 12.1	34 04.1	33 56.2	33 48.5	33 41.0	33 33.7	33 26.6	33 19.7	33 13.2	33 07.1	33 01.1	32 55.1	32 49.1
80	34 16.0	34 10.6	34 02.6	33 54.7	33 47.1	33 39.6	33 32.3	33 25.2	33 18.4	33 11.9	33 05.7	32 59.7	32 53.7	32 47.6
81	34 14.4	34 09.1	34 01.1	33 53.2	33 45.6	33 38.1	33 30.8	33 23.7	33 16.8	33 10.3	33 04.2	32 58.2	32 52.2	32 46.3
82	34 12.9	34 07.6	33 59.6	33 51.7	33 44.1	33 36.6	33 29.2	33 22.1	33 15.3	33 08.8	33 02.7	32 56.7	32 50.7	32 44.6
83	34 11.3	34 06.0	33 58.0	33 50.1	33 42.5	33 35.0	33 27.7	33 20.6	33 13.9	33 07.3	33 01.1	32 55.1	32 49.1	32 43.2
84	34 09.7	34 04.4	33 56.5	33 48.6	33 41.0	33 33.5	33 26.1	33 19.0	33 12.2	33 05.7	32 59.6	32 53.6	32 47.6	32 41.7
85	34 08.1	34 02.8	33 54.9	33 47.0	33 39.4	33 31.9	33 24.5	33 17.5	33 10.7	33 04.2	32 58.0	32 52.0	32 46.0	32 40.1
86	34 06.5	34 01.2	33 53.3	33 45.4	33 37.8	33 30.3	33 23.0	33 15.9	33 09.1	33 02.6	32 56.4	32 50.4	32 44.5	32 38.6
87	34 04.9	33 59.6	33 51.7	33 43.8	33 36.2	33 28.7	33 21.4	33 14.3	33 07.5	33 01.0	32 54.9	32 48.8	32 42.9	32 37.1
88	34 03.3	33 58.0	33 50.1	33 42.2	33 34.6	33 27.1	33 19.3	33 12.7	33 05.9	32 59.4	32 53.3	32 47.3	32 41.4	32 35.5
89	34 01.6	33 56.3	33 48.4	33 40.5	33 33.0	33 25.5	33 18.2	33 11.1	33 04.3	32 57.9	32 51.7	32 45.7	32 39.6	32 33.8
90	34 00.0	33 54.7	33 46.8	33 38.9	33 31.4	33 23.9	33 16.6	33 09.5	33 02.7	32 56.3	32 50.1	32 44.1	32 38.2	32 32.4
91	33 58.3	33 53.0	33 45.1	33 37.3	33 29.6	33 22.3	33 15.0	33 08.0	33 01.2	32 54.8	32 48.6	32 42.7	32 36.8	32 31.0

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	s	m	s	m	s	m	s	m	s	m	s	m	s
92	33 56.6	33 51.4	33 43.5	33 35.6	33 28.1	33 20.7	33 13.4	33 06.4	32 59.7	32 53.3	32 47.1	32 41.2	32 35.4	32 29.6
93	33 55.0	33 49.7	33 41.8	33 34.0	33 26.5	33 19.1	33 11.9	33 04.9	32 58.2	32 51.8	32 45.7	32 39.8	32 33.9	32 28.2
94	33 53.3	33 48.0	33 40.1	33 32.3	33 24.8	33 17.5	33 10.3	33 03.3	32 56.6	32 50.3	32 44.2	32 38.3	32 32.5	32 26.9
95	33 51.6	33 46.3	33 38.4	33 30.7	33 23.2	33 15.8	33 08.7	33 01.8	32 55.1	32 48.7	32 42.7	32 36.8	32 31.1	32 25.4
96	33 49.9	33 44.6	33 36.7	33 29.0	33 21.5	33 14.2	33 07.1	33 00.2	32 53.5	32 47.2	32 41.2	32 35.4	32 29.6	32 24.0
97	33 48.2	33 42.9	33 35.0	33 27.3	33 19.8	33 12.5	33 05.5	32 58.6	32 52.0	32 45.6	32 39.6	32 33.9	32 28.1	32 22.6
98	33 46.4	33 41.2	33 33.3	33 25.6	33 18.1	33 10.9	33 03.9	32 57.0	32 50.4	32 44.1	32 38.0	32 32.3	32 26.6	32 21.1
99	33 44.7	33 39.5	33 31.5	33 23.9	33 16.4	33 09.2	33 02.2	32 55.3	32 48.7	32 42.4	32 36.4	32 30.8	32 25.1	32 19.6
100	33 43.0	33 37.7	33 29.8	33 22.1	33 14.6	33 07.5	33 00.5	32 53.6	32 47.1	32 40.8	32 34.8	32 29.2	32 23.5	32 18.0
101	33 41.2	33 35.9	33 28.0	33 20.3	33 12.8	33 05.7	32 58.7	32 51.8	32 45.2	32 38.9	32 33.0	32 27.3	32 21.6	32 16.1
102	33 39.4	33 34.2	33 26.2	33 18.6	33 11.0	33 03.9	32 56.9	32 50.0	32 43.4	32 37.1	32 31.1	32 25.4	32 19.7	32 14.2
103	33 37.7	33 32.4	33 24.4	33 16.7	33 09.2	33 02.0	32 55.0	32 48.1	32 41.5	32 35.2	32 29.2	32 23.5	32 17.8	32 12.2
104	33 35.9	33 30.6	33 22.6	33 14.9	33 07.4	33 00.2	32 53.1	32 46.2	32 39.6	32 33.2	32 27.2	32 21.5	32 15.8	32 10.2
105	33 34.1	33 28.8	33 20.8	33 13.1	33 05.5	32 58.3	32 51.2	32 44.3	32 37.6	32 31.3	32 25.2	32 19.5	32 13.8	32 08.2
106	33 32.3	33 27.0	33 19.0	33 11.3	33 03.7	32 56.4	32 49.3	32 42.3	32 35.7	32 29.3	32 23.3	32 17.5	32 11.7	32 06.1
107	33 30.5	33 25.1	33 17.2	33 09.4	33 01.8	32 54.5	32 47.3	32 40.4	32 33.7	32 27.3	32 21.2	32 15.4	32 09.7	32 04.0
108	33 28.6	33 23.3	33 15.3	33 07.6	33 00.0	32 52.6	32 45.4	32 38.4	32 31.8	32 25.3	32 19.2	32 13.4	32 07.6	32 01.9
109	33 26.8	33 21.5	33 13.5	33 05.7	32 58.1	32 50.7	32 43.5	32 36.5	32 29.8	32 23.3	32 17.2	32 11.3	32 05.6	31 59.8
110	33 25.0	33 19.6	33 11.6	33 03.8	32 56.2	32 48.8	32 41.5	32 34.5	32 27.8	32 21.3	32 15.2	32 09.3	32 03.5	31 57.7
111	33 23.1	33 17.7	33 09.7	33 01.9	32 54.3	32 46.9	32 39.6	32 32.6	32 25.9	32 19.4	32 13.3	32 07.4	32 01.6	31 55.7
112	33 21.2	33 15.8	33 07.8	33 00.0	32 52.4	32 45.0	32 37.7	32 30.7	32 24.0	32 17.5	32 11.3	32 05.4	31 59.6	31 53.8
113	33 19.3	33 14.0	33 05.9	32 58.1	32 50.5	32 43.1	32 35.8	32 28.8	32 22.1	32 15.5	32 09.4	32 03.5	31 57.7	31 51.9
114	33 17.4	33 12.1	33 04.1	32 56.2	32 48.6	32 41.2	32 33.9	32 26.9	32 20.1	32 13.6	32 07.5	32 01.6	31 55.8	31 49.9
115	33 15.5	33 10.1	33 02.1	32 54.3	32 46.7	32 39.3	32 32.0	32 25.0	32 18.3	32 11.8	32 05.7	31 59.8	31 54.0	31 48.2
116	33 13.6	33 08.2	33 00.2	32 52.4	32 44.8	32 37.4	32 30.1	32 23.1	32 16.4	32 09.9	32 03.8	31 57.9	31 52.1	31 46.3
117	33 11.7	33 06.3	32 58.3	32 50.5	32 42.9	32 35.5	32 28.2	32 21.2	32 14.5	32 08.0	32 01.9	31 56.0	31 50.2	31 44.4
118	33 09.8	33 04.4	32 56.4	32 48.6	32 41.0	32 33.6	32 26.3	32 19.3	32 12.6	32 06.1	32 00.0	31 54.1	31 48.3	31 42.5
119	33 07.9	33 02.5	32 54.5	32 46.7	32 39.1	32 31.7	32 24.4	32 17.4	32 10.7	32 04.2	31 58.1	31 52.2	31 46.4	31 40.6
120	33 06.0	33 00.6	32 52.6	32 44.8	32 37.2	32 29.8	32 22.5	32 15.5	32 08.8	32 02.3	31 56.2	31 50.3	31 44.5	31 38.7
121	33 04.1	32 58.7	32 50.7	32 42.9	32 35.3	32 27.9	32 20.6	32 13.6	32 06.9	32 00.4	31 54.3	31 48.4	31 42.6	31 36.8
122	33 02.2	32 56.8	32 48.8	32 41.0	32 33.4	32 26.0	32 18.7	32 11.7	32 05.0	31 58.5	31 52.4	31 46.5	31 40.7	31 34.9
123	33 00.3	32 54.9	32 46.9	32 39.1	32 31.5	32 24.1	32 16.8	32 09.8	32 03.1	31 56.6	31 50.5	31 44.6	31 38.8	31 33.0
124	32 58.4	32 53.0	32 45.0	32 37.2	32 29.6	32 22.2	32 14.9	32 07.9	32 01.2	31 54.7	31 48.6	31 42.7	31 36.9	31 31.1
125	32 56.5	32 51.1	32 43.1	32 35.3	32 27.7	32 20.3	32 13.0	32 06.0	31 59.3	31 52.8	31 46.7	31 40.8	31 35.0	31 29.2
126	32 54.6	32 49.2	32 41.2	32 33.4	32 25.8	32 18.4	32 11.1	32 04.1	31 57.4	31 50.9	31 44.8	31 38.9	31 33.1	31 27.3
127	32 52.7	32 47.3	32 39.3	32 31.5	32 23.9	32 16.5	32 09.2	32 02.2	31 55.5	31 49.0	31 42.9	31 37.0	31 31.2	31 25.4
128	32 50.8	32 45.4	32 37.4	32 29.6	32 22.0	32 14.6	32 07.3	32 00.3	31 53.6	31 47.1	31 41.0	31 35.1	31 29.3	31 23.5
129	32 48.9	32 43.5	32 35.5	32 27.7	32 20.1	32 12.7	32 05.4	31 58.4	31 51.7	31 45.2	31 39.1	31 33.2	31 27.4	31 21.6
130	32 47.0	32 41.6	32 33.6	32 26.8	32 19.2	32 11.8	32 04.5	31 57.5	31 49.8	31 43.3	31 37.2	31 31.3	31 25.5	31 19.7
131	32 45.1	32 39.7	32 31.7	32 23.9	32 16.3	32 08.9	32 01.6	31 54.6	31 47.9	31 41.4	31 35.3	31 29.4	31 23.6	31 17.8

Δ	Depth h =													
	Surface	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
132	32 43.2	32 37.8	32 29.8	32 22.0	32 14.4	32 07.0	31 59.7	31 52.7	31 46.0	31 39.5	31 33.4	31 27.5	31 21.7	31 15.9
133	32 41.3	32 35.9	32 27.9	32 20.1	32 12.5	32 05.1	31 57.8	31 50.8	31 44.1	31 37.6	31 31.5	31 25.6	31 19.8	31 14.0
134	32 39.4	32 34.0	32 26.0	32 18.2	32 10.6	32 03.2	31 55.9	31 48.9	31 42.2	31 35.7	31 29.6	31 23.7	31 17.9	31 12.1
135	32 37.5	32 32.1	32 24.1	32 16.3	32 08.7	32 01.3	31 54.0	31 47.0	31 40.3	31 33.8	31 27.7	31 21.8	31 16.0	31 10.2
136	32 35.6	32 30.2	32 22.2	32 14.4	32 06.8	31 59.4	31 52.1	31 45.1	31 38.4	31 31.9	31 25.8	31 19.9	31 14.1	31 08.3
137	32 33.7	32 28.3	32 20.3	32 12.5	32 04.9	31 57.5	31 50.2	31 43.2	31 36.5	31 30.0	31 23.9	31 18.0	31 12.2	31 06.4
138	32 31.8	32 26.4	32 18.4	32 10.6	32 03.0	31 55.6	31 48.3	31 41.3	31 34.6	31 28.1	31 22.0	31 16.1	31 10.3	31 04.5
139	32 29.9	32 24.5	32 16.5	32 08.7	32 01.1	31 53.7	31 46.4	31 39.4	31 32.7	31 26.2	31 20.1	31 14.2	31 08.4	31 02.6
140	32 28.0	32 22.6	32 14.6	32 06.8	31 59.2	31 51.8	31 44.5	31 37.5	31 30.8	31 24.3	31 18.2	31 12.3	31 06.5	31 00.7
141	32 26.0	32 20.6	32 12.6	32 04.9	31 57.2	31 49.8	31 42.5	31 35.5	31 28.8	31 22.3	31 16.2	31 10.3	31 04.5	30 58.7
142	32 24.0	32 18.6	32 10.6	32 02.8	31 55.2	31 47.8	31 40.5	31 33.5	31 26.8	31 20.3	31 14.2	31 08.3	31 02.5	30 56.7
143	32 22.0	32 16.6	32 08.6	32 00.8	31 53.2	31 45.8	31 38.5	31 31.5	31 24.8	31 18.3	31 12.2	31 06.3	31 00.5	30 54.7
144	32 20.0	32 14.6	32 06.6	31 58.8	31 51.2	31 43.8	31 36.5	31 29.5	31 22.8	31 16.3	31 10.2	31 04.3	30 58.5	30 52.7
145	32 18.0	32 12.6	32 04.6	31 56.8	31 49.2	31 41.8	31 34.5	31 27.5	31 20.8	31 14.3	31 08.2	31 02.3	30 56.5	30 50.7
146	32 15.9	32 10.5	32 02.5	31 54.7	31 47.1	31 39.7	31 32.4	31 25.4	31 18.7	31 12.2	31 06.1	31 00.2	30 54.4	30 48.6
147	32 13.9	32 08.5	32 00.5	31 52.7	31 45.1	31 37.7	31 30.4	31 23.4	31 16.7	31 10.2	31 04.1	30 58.2	30 52.4	30 46.6
148	32 11.9	32 06.5	31 58.5	31 50.7	31 43.1	31 35.7	31 28.4	31 21.4	31 14.7	31 08.2	31 02.1	30 56.2	30 50.4	30 44.6
149	32 09.9	32 04.5	31 56.5	31 48.7	31 41.1	31 33.7	31 26.4	31 19.4	31 12.7	31 06.2	31 00.1	30 54.2	30 48.4	30 42.6
150	32 08.0	32 02.6	31 54.6	31 46.8	31 39.2	31 31.8	31 24.5	31 17.5	31 10.8	31 04.3	30 58.2	30 52.3	30 46.5	30 40.7
151	32 06.0	32 00.6	31 52.6	31 44.8	31 37.2	31 29.8	31 22.5	31 15.5	31 08.8	31 02.3	30 56.2	30 50.3	30 44.5	30 38.7
152	32 04.1	31 58.7	31 50.7	31 42.9	31 35.3	31 27.9	31 20.6	31 13.6	31 06.9	31 00.4	30 54.3	30 48.4	30 42.6	30 36.8
153	32 02.2	31 56.8	31 48.8	31 41.0	31 33.4	31 26.0	31 18.7	31 11.7	31 05.0	30 58.5	30 52.4	30 46.5	30 40.7	30 34.9
154	32 00.4	31 55.0	31 47.0	31 39.2	31 31.6	31 24.2	31 16.9	31 09.9	31 03.2	30 56.7	30 50.6	30 44.7	30 38.9	30 33.1
155	31 58.5	31 53.1	31 45.1	31 37.3	31 29.7	31 22.3	31 15.0	31 08.0	31 01.3	30 54.8	30 48.7	30 42.8	30 37.0	30 31.2
156	31 56.6	31 51.2	31 43.2	31 35.4	31 27.8	31 20.4	31 13.1	31 06.1	30 59.4	30 52.9	30 46.8	30 40.9	30 35.1	30 29.3
157	31 54.7	31 49.3	31 41.3	31 33.5	31 25.9	31 18.5	31 11.2	31 04.2	30 57.5	30 51.0	30 44.9	30 39.0	30 33.2	30 27.4
158	31 52.8	31 47.4	31 39.4	31 31.6	31 24.0	31 16.6	31 09.3	31 02.3	30 55.6	30 49.1	30 43.0	30 37.1	30 31.3	30 25.5
159	31 50.9	31 45.5	31 37.5	31 29.7	31 22.1	31 14.7	31 07.4	31 00.4	30 53.7	30 47.2	30 41.1	30 35.2	30 29.4	30 23.6
160	31 49.0	31 43.6	31 35.6	31 27.8	31 20.2	31 12.8	31 05.5	30 58.5	30 51.8	30 45.3	30 39.2	30 33.3	30 27.5	30 21.7
161	31 47.0	31 41.6	31 33.6	31 25.8	31 18.2	31 10.8	31 03.5	30 56.5	30 49.8	30 43.3	30 37.2	30 31.3	30 25.5	30 19.7
162	31 45.1	31 39.7	31 31.7	31 23.9	31 16.3	31 08.9	31 01.6	30 54.6	30 47.9	30 41.4	30 35.3	30 29.4	30 23.6	30 17.8
163	31 43.1	31 37.7	31 29.7	31 21.9	31 14.3	31 06.9	30 59.6	30 52.6	30 45.9	30 39.4	30 33.3	30 27.4	30 21.6	30 15.8
164	31 41.1	31 35.7	31 27.7	31 19.9	31 12.3	31 04.9	30 57.6	30 50.5	30 43.9	30 37.4	30 31.3	30 25.4	30 19.6	30 13.8
165	31 39.1	31 33.7	31 25.7	31 17.9	31 10.3	31 02.9	30 55.6	30 48.6	30 41.9	30 35.4	30 29.3	30 23.4	30 17.6	30 11.8
166	31 37.1	31 31.7	31 23.7	31 15.9	31 08.3	31 00.9	30 53.6	30 46.6	30 39.9	30 33.4	30 27.3	30 21.4	30 15.6	30 09.8
167	31 35.0	31 29.6	31 21.6	31 13.8	31 06.2	30 58.8	30 51.5	30 44.5	30 37.8	30 31.3	30 25.2	30 19.3	30 13.5	30 07.7
168	31 33.0	31 27.6	31 19.6	31 11.8	31 04.2	30 56.8	30 49.5	30 42.5	30 35.8	30 29.3	30 23.2	30 17.3	30 11.5	30 05.7



Δ	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
125	27 47.0	27 37.9	27 24.0	27 10.2	26 56.9	26 43.8	26 31.1	26 18.9	26 07.1	25 55.7	25 45.0	25 34.4	25 24.4	25 14.8
126	27 54.0	27 44.9	27 31.0	27 17.2	27 03.8	26 50.7	26 38.0	26 25.8	26 14.0	26 02.6	25 51.9	25 41.3	25 31.3	25 21.7
127	28 00.0	27 50.9	27 36.9	27 23.2	27 09.5	26 56.7	26 44.0	26 31.8	26 20.0	26 08.6	25 57.9	25 47.2	25 37.2	25 27.6
128	28 07.0	27 57.9	27 43.9	27 30.2	27 16.8	27 03.7	26 51.0	26 38.8	26 27.0	26 15.6	26 04.9	25 54.3	25 44.2	25 34.6
129	28 12.0	28 03.9	27 50.0	27 36.2	27 22.8	27 09.7	26 57.0	26 44.8	26 33.0	26 21.6	26 10.9	26 00.3	25 50.3	25 40.7
130	28 20.0	28 10.9	27 57.0	27 43.3	27 29.9	27 16.8	27 04.1	26 51.9	26 40.1	26 28.7	26 18.0	26 07.4	25 57.4	25 47.8
131	28 26.0	28 16.9	28 03.0	27 49.3	27 35.9	27 22.8	27 10.1	26 57.9	26 46.1	26 34.7	26 24.0	26 13.4	26 03.4	25 53.8
132	28 32.0	28 22.9	28 09.0	27 55.3	27 41.9	27 28.8	27 16.1	27 03.9	26 52.1	26 40.7	26 30.0	26 19.4	26 09.4	25 59.8
133	28 38.0	28 28.9	28 15.0	28 01.3	27 47.9	27 34.8	27 22.1	27 09.9	26 58.1	26 46.7	26 36.0	26 25.4	26 15.4	26 05.8
134	28 45.0	28 35.9	28 22.0	28 08.3	27 54.9	27 41.8	27 29.1	27 16.9	27 05.1	26 53.7	26 43.0	26 32.4	26 22.4	26 12.8
135	28 51.0	28 41.9	28 28.0	28 14.3	28 00.9	27 47.8	27 35.1	27 22.9	27 11.1	26 59.7	26 49.0	26 38.4	26 28.4	26 18.8
136	28 57.0	28 47.9	28 34.0	28 20.3	28 06.9	27 53.8	27 41.1	27 28.9	27 17.1	27 05.7	26 55.0	26 44.4	26 34.4	26 24.8
137	29 03.0	28 53.9	28 40.0	28 26.3	28 12.9	27 59.8	27 47.1	27 34.9	27 23.1	27 11.7	27 01.0	26 50.4	26 40.4	26 30.8
138	29 09.0	28 59.9	28 46.0	28 32.3	28 18.9	28 05.8	27 53.1	27 40.9	27 29.1	27 17.7	27 07.0	26 56.4	26 46.4	26 36.9
139	29 15.0	29 05.9	28 52.0	28 38.3	28 24.9	28 11.8	27 59.1	27 46.9	27 35.1	27 23.7	27 13.0	27 02.4	26 52.4	26 42.8
140	29 21.0	29 11.9	28 58.0	28 44.3	28 30.9	28 17.8	28 05.1	27 52.9	27 41.1	27 29.7	27 19.0	27 08.4	26 58.4	26 48.8
141	29 27.0	29 17.9	29 03.9	28 50.2	28 36.8	28 23.7	28 11.0	27 58.7	27 46.9	27 35.5	27 24.8	27 14.2	27 04.1	26 54.5
142	29 33.0	29 23.9	29 09.9	28 56.2	28 42.7	28 29.6	28 16.9	28 04.6	27 52.7	27 41.3	27 30.6	27 19.9	27 09.9	27 00.2
143	29 39.0	29 29.9	29 15.9	29 02.2	28 48.7	28 35.5	28 22.8	28 10.4	27 58.6	27 47.2	27 36.4	27 25.7	27 15.6	27 05.8
144	29 44.0	29 34.9	29 20.9	29 07.2	28 53.6	28 40.4	28 27.7	28 15.3	28 03.4	27 52.0	27 41.1	27 30.5	27 20.3	27 10.5
145	29 50.0	29 40.9	29 26.9	29 13.2	28 59.6	28 46.4	28 33.6	28 21.2	28 09.3	27 57.9	27 47.0	27 36.3	27 26.1	27 16.3
146	29 56.0	29 46.9	29 32.9	29 19.2	29 05.5	28 52.3	28 39.5	28 27.1	28 15.2	28 03.8	27 52.9	27 42.2	27 32.0	27 22.2
147	30 02.0	29 52.9	29 38.9	29 25.2	29 11.5	28 58.3	28 45.5	28 33.1	28 21.2	28 09.8	27 58.9	27 48.2	27 38.0	27 28.2
148	30 07.0	29 57.9	29 43.9	29 30.2	29 16.5	29 03.3	28 50.5	28 38.1	28 26.2	28 14.8	28 03.9	27 53.2	27 43.0	27 33.2
149	30 13.0	30 03.9	29 49.0	29 36.2	29 22.6	29 09.3	28 56.5	28 44.1	28 32.2	28 20.6	28 09.9	27 59.2	27 49.0	27 39.2
150	30 18.0	30 08.9	29 54.9	29 41.2	29 27.6	29 14.4	29 01.6	28 49.2	28 37.3	28 25.9	28 15.0	28 04.3	27 54.1	27 44.3
151	30 24.0	30 14.9	30 00.9	29 47.2	29 33.6	29 20.4	29 07.6	28 55.2	28 43.3	28 31.9	28 21.0	28 10.3	28 00.1	27 50.3
152	30 29.0	30 19.9	30 05.9	29 52.2	29 38.6	29 25.4	29 12.6	29 00.2	28 48.3	28 36.9	28 26.0	28 15.3	28 05.1	27 55.3
153	30 35.0	30 25.9	30 11.9	29 58.2	29 44.6	29 31.4	29 18.6	29 06.2	28 54.3	28 42.9	28 32.0	28 21.3	28 11.1	28 01.3
154	30 40.0	30 30.9	30 16.9	30 03.2	29 49.6	29 36.4	29 23.6	29 11.2	28 59.3	28 47.9	28 37.0	28 26.3	28 16.1	28 06.3
155	30 46.0	30 36.9	30 22.9	30 09.2	29 55.6	29 42.4	29 29.6	29 17.2	29 05.3	28 53.9	28 43.0	28 32.3	28 22.1	28 12.3
156	30 51.0	30 41.9	30 27.9	30 14.1	30 00.5	29 47.3	29 34.5	29 22.1	29 10.2	28 58.6	28 47.8	28 37.1	28 26.9	28 17.1
157	30 57.0	30 47.9	30 33.9	30 20.1	30 06.5	29 53.3	29 40.4	29 28.0	29 16.1	29 04.7	28 53.7	28 42.9	28 32.7	28 22.8
158	31 02.0	30 52.9	30 38.9	30 25.0	30 11.5	29 58.2	29 45.4	29 32.9	29 21.0	29 09.6	28 58.5	28 47.6	28 37.5	28 27.6
159	31 07.0	30 57.9	30 43.9	30 30.0	30 16.5	30 03.2	29 50.3	29 37.8	29 25.9	29 14.5	29 03.4	28 52.6	28 42.2	28 32.4
160	31 12.0	31 02.9	30 48.9	30 35.0	30 21.5	30 08.2	29 55.3	29 42.7	29 30.8	29 19.4	29 08.3	28 57.5	28 47.1	28 37.2
161	31 18.0	31 08.9	30 54.9	30 41.0	30 27.5	30 14.2	30 01.2	29 48.6	29 36.7	29 25.3	29 14.2	29 03.4	28 53.0	28 43.1
162	31 23.0	31 13.9	30 59.9	30 45.9	30 32.5	30 19.1	30 06.2	29 53.6	29 41.7	29 30.3	29 19.2	29 08.4	28 58.0	28 48.1
163	31 28.0	31 18.9	31 04.9	30 50.9	30 37.5	30 24.1	30 11.2	29 58.6	29 46.7	29 35.3	29 24.2	29 13.4	29 03.0	28 53.1
164	31 33.0	31 23.9	31 09.9	30 56.0	30 42.5	30 29.2	30 16.3	30 03.6	29 51.7	29 40.3	29 29.2	29 18.4	29 08.0	28 58.1

Depth  $h =$ 

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
165	31	36.0	31	28.9	31	14.9	31	01.0	30	47.5	30	34.2	30	21.3	30	08.7	29	56.8	29	45.4	29	34.3	29	23.5	29	13.1	29	03.2
166	31	43.0	31	33.9	31	19.9	31	06.0	30	52.5	30	39.2	30	26.3	30	13.7	30	01.8	29	50.4	29	39.3	29	28.5	29	18.1	29	08.2
167	31	48.0	31	38.9	31	24.9	31	11.0	30	57.5	30	44.2	30	31.3	30	18.7	30	06.8	29	55.4	29	44.3	29	33.5	29	23.1	29	13.2
168	31	53.0	31	43.9	31	29.9	31	16.0	31	02.5	30	49.2	30	36.3	30	23.7	30	11.8	30	00.4	29	49.3	29	38.5	29	28.1	29	18.2
169	31	58.0	31	48.9	31	34.9	31	21.0	31	07.5	30	54.2	30	41.3	30	28.7	30	16.8	30	05.4	29	54.3	29	43.5	29	33.1	29	23.2
170	32	03.0	31	53.9	31	39.9	31	26.0	31	12.5	30	59.2	30	46.3	30	33.7	30	21.8	30	10.4	29	59.3	29	48.5	29	38.1	29	28.2
171	32	08.0	31	58.9	31	44.8	31	30.9	31	17.4	31	04.1	30	51.2	30	38.6	30	26.7	30	15.3	30	04.2	29	53.4	29	43.0	29	33.1
172	32	13.0	32	03.9	31	49.8	31	35.9	31	22.4	31	09.1	30	55.2	30	43.6	30	31.6	30	20.2	30	09.1	29	58.3	29	47.9	29	38.0
173	32	16.0	32	06.9	31	54.8	31	40.9	31	27.4	31	14.1	31	01.1	30	48.5	30	36.6	30	25.1	30	14.0	29	52.2	29	42.8	29	32.9
174	32	22.0	32	12.9	31	58.8	31	44.9	31	31.3	31	18.0	31	05.1	30	52.5	30	40.5	30	29.0	30	17.9	30	07.1	29	56.7	29	46.8
175	32	27.0	32	17.9	32	03.8	31	49.9	31	36.3	31	23.0	31	10.0	30	57.4	30	45.4	30	34.0	30	22.9	30	12.0	30	01.6	29	51.7
176	32	32.0	32	22.9	32	08.8	31	54.9	31	41.3	31	28.0	31	15.0	31	02.4	30	50.4	30	38.9	30	27.8	30	17.0	30	06.6	29	56.6
177	32	35.0	32	26.9	32	12.8	31	58.9	31	45.3	31	32.0	31	19.0	31	06.4	30	54.4	30	42.9	30	31.8	30	21.0	30	10.6	30	00.6
178	32	41.0	32	31.9	32	17.8	32	03.9	31	50.3	31	37.0	31	24.0	31	11.4	30	59.4	30	47.9	30	36.8	30	26.0	30	15.6	30	05.6
179	32	46.0	32	36.9	32	22.8	32	08.9	31	55.3	31	42.0	31	29.0	31	16.4	31	04.4	30	52.9	30	41.9	30	31.0	30	20.6	30	10.6
180	32	50.0	32	40.9	32	26.8	32	12.9	31	59.3	31	46.0	31	33.0	31	20.4	31	08.4	30	57.0	30	45.9	30	35.0	30	24.6	30	14.7
181	32	55.0	32	45.9	32	31.8	32	17.9	32	04.3	31	51.0	31	38.0	31	25.4	31	13.4	31	02.0	30	50.9	30	40.0	30	29.6	30	19.7
182	32	59.0	32	49.9	32	35.8	32	21.9	32	08.3	31	55.0	31	42.0	31	29.4	31	17.4	31	06.0	30	54.9	30	44.0	30	33.6	30	23.7
183	33	04.0	32	54.9	32	40.8	32	26.9	32	13.3	32	00.0	31	47.0	31	34.4	31	22.4	31	11.0	30	59.9	30	49.0	30	38.6	30	28.7
184	33	08.0	32	58.9	32	44.8	32	30.9	32	17.3	32	04.0	31	51.0	31	38.4	31	26.4	31	15.0	31	03.9	30	53.0	30	42.6	30	32.7
185	33	13.0	33	03.9	32	49.9	32	35.9	32	22.4	32	09.1	31	56.2	31	43.5	31	31.6	31	20.2	31	09.2	30	58.3	30	47.9	30	38.0
186	33	17.0	33	07.9	32	53.9	32	39.9	32	26.4	32	13.1	32	00.2	31	47.5	31	35.6	31	24.2	31	13.2	31	02.4	30	52.0	30	42.1
187	33	22.0	33	12.9	32	58.9	32	44.9	32	31.5	32	18.1	32	05.2	31	52.6	31	40.7	31	29.2	31	18.2	31	07.4	30	57.0	30	47.1
188	33	26.0	33	16.9	33	02.9	32	48.9	32	35.5	32	22.1	32	09.2	31	56.6	31	44.7	31	33.2	31	22.2	31	11.4	31	01.0	30	51.1
189	33	30.0	33	20.9	33	06.9	32	52.9	32	39.4	32	26.1	32	13.2	32	00.5	31	48.6	31	27.2	31	26.2	31	15.4	31	05.0	30	55.1
190	33	34.0	33	24.9	33	11.1	32	57.1	32	43.8	32	30.5	32	17.5	32	04.9	31	53.2	31	42.0	31	31.1	31	20.2	31	09.8	31	00.1
191	33	39.0	33	29.9	33	16.0	33	02.1	32	48.7	32	35.4	32	22.4	32	09.8	31	58.0	31	46.7	31	35.8	31	25.0	31	14.6	31	04.8
192	33	43.0	33	33.9	33	19.9	33	06.0	32	52.6	32	39.3	32	26.3	32	13.7	32	01.9	31	50.5	31	39.5	31	28.7	31	18.3	31	08.4
193	33	47.0	33	37.9	33	23.9	33	10.0	32	56.5	32	43.2	32	30.2	32	17.6	32	05.7	31	54.3	31	43.3	31	32.5	31	22.1	31	12.2
194	33	51.0	33	41.9	33	27.8	33	13.9	33	00.4	32	47.1	32	34.1	32	21.5	32	09.6	31	59.1	31	47.1	31	36.2	31	25.8	31	15.9
195	33	56.0	33	46.9	33	32.8	33	18.9	33	05.3	32	52.0	32	39.0	32	26.4	32	14.4	32	03.0	31	51.9	31	41.0	31	30.6	31	20.7
196	34	00.0	33	50.9	33	36.7	33	22.8	33	09.2	32	55.9	32	42.9	32	30.3	32	18.3	32	06.8	31	55.6	31	44.8	31	34.4	31	24.4
197	34	04.0	33	54.9	33	40.7	33	26.8	33	13.1	32	59.8	32	46.8	32	34.2	32	22.2	32	10.6	31	59.5	31	48.7	31	38.2	31	28.2
198	34	08.0	33	58.9	33	44.7	33	30.8	33	17.1	33	03.8	32	50.8	32	38.2	32	26.1	32	14.5	32	03.4	31	52.5	31	42.1	31	32.1
199	34	12.0	34	02.9	33	48.7	33	34.8	33	21.1	33	07.8	32	54.8	32	42.2	32	30.1	32	18.5	32	07.3	31	56.5	31	46.1	31	36.0
200	34	16.0	34	06.9	33	52.7	33	38.8	33	25.1	33	11.8	32	58.8	32	46.2	32	34.1	32	22.5	32	11.3	32	00.5	31	50.1	31	40.0
201	34	20.0	34	10.9	33	56.7	33	42.8	33	29.1	33	15.8	33	02.8	32	50.2	32	38.2	32	26.6	32	15.4	32	04.6	31	54.2	31	44.1
202	34	24.0	34	14.9	34	00.7	33	46.8	33	33.1	33	19.9	33	06.9	32	54.3	32	42.2	32	30.6	32	19.4	32	08.7	31	58.3	31	48.2
203	34	28.0	34	18.9	34	04.7	33	50.8	33	37.1	33	23.9	33	10.9	32	58.3	32	46.2	32	34.6	32	23.4	32	12.7	32	02.3	31	52.2
204	34	32.0	34	22.9	34	08.7	33	54.8	33	41.1	33	27.8	33	14.8	33	02.2	32	50.1	32	38.6	32	27.4	32	16.6	32	06.2	31	56.1

Depth  $h =$ 

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
205	34	35.0	34	25.9	34	11.7	33	57.8	33	44.1	33	30.8	33	17.8	33	05.2	32	53.1	32	41.5	32	30.3	32	19.5	32	09.1	31	59.0
206	34	39.0	34	29.8	34	15.6	34	01.7	33	48.0	33	34.6	33	21.6	33	09.0	32	56.9	32	45.2	32	34.0	32	23.2	32	12.7	32	02.6
207	34	43.0	34	33.8	34	19.6	34	05.6	33	51.9	33	38.5	33	25.5	33	12.9	33	00.7	32	49.1	32	37.8	32	27.0	32	16.5	32	06.3
208	34	47.0	34	37.8	34	23.5	34	09.5	33	55.8	33	42.4	33	29.4	33	16.8	33	04.6	32	52.9	32	41.7	32	30.8	32	20.3	32	10.1
209	34	50.0	34	40.8	34	26.5	34	12.5	33	58.8	33	45.4	33	32.4	33	19.7	33	07.6	32	55.9	32	44.6	32	33.7	32	23.2	32	13.0
210	34	54.0	34	44.7	34	30.5	34	16.5	34	02.8	33	49.3	33	36.3	33	23.7	33	11.5	32	59.8	32	48.5	32	37.6	32	27.1	32	16.9
211	34	58.0	34	48.7	34	34.5	34	20.5	34	06.8	33	53.3	33	40.4	33	27.7	33	15.6	33	03.9	32	52.5	32	41.7	32	31.2	32	21.0
212	35	02.0	34	52.7	34	38.5	34	24.5	34	10.8	33	57.3	33	44.4	33	31.7	33	19.6	33	07.9	32	56.6	32	45.7	32	35.2	32	25.1
213	35	05.0	34	55.7	34	41.5	34	27.5	34	13.6	34	00.3	33	47.4	33	34.7	33	22.6	33	10.9	32	59.6	32	48.7	32	38.2	32	28.1
214	35	09.0	34	59.7	34	45.5	34	31.5	34	17.8	34	04.3	33	51.4	33	38.7	33	26.6	33	14.8	33	03.5	32	52.7	32	42.2	32	32.0
215	35	12.0	35	02.7	34	48.5	34	34.5	34	20.8	34	07.3	33	54.3	33	41.7	33	29.5	33	17.8	33	06.5	32	55.6	32	45.1	32	34.9
216	35	16.0	34	56.8	34	52.5	34	38.5	34	24.8	34	11.4	33	58.3	33	45.6	33	33.4	33	21.7	33	10.4	32	59.5	32	49.0	32	38.8
217	35	19.0	35	09.8	34	55.5	34	41.5	34	27.8	34	14.4	34	01.3	33	48.6	33	36.4	33	24.7	33	13.4	32	59.5	32	51.9	32	41.7
218	35	23.0	35	13.8	34	59.5	34	45.5	34	31.8	34	18.4	34	05.3	33	52.5	33	40.3	33	28.6	33	17.3	32	59.4	32	55.8	32	45.6
219	35	26.0	35	16.8	35	02.5	34	48.5	34	34.8	34	21.4	34	08.3	33	55.5	33	43.3	33	31.6	33	20.3	32	59.4	32	58.8	32	48.5
220	35	30.0	35	20.8	35	06.5	34	52.5	34	38.8	34	25.4	34	12.3	33	59.5	33	47.3	33	35.6	33	24.3	32	59.4	32	58.8	32	48.5
221	35	33.0	35	23.8	35	09.5	34	55.5	34	41.8	34	28.4	34	15.3	34	02.5	33	50.3	33	38.6	33	27.3	32	59.4	32	58.8	32	48.5
222	35	36.0	35	26.8	35	12.5	34	58.5	34	44.8	34	31.4	34	18.3	34	05.5	33	53.3	33	41.6	33	30.3	32	59.4	32	58.8	32	48.5
223	35	40.0	35	30.8	35	16.5	35	02.5	34	48.8	34	35.4	34	22.3	34	09.5	33	57.3	33	45.6	33	34.3	32	59.4	32	58.8	32	48.5
224	35	43.0	35	33.8	35	19.5	35	05.5	34	51.8	34	38.4	34	25.3	34	12.5	34	00.3	33	48.6	33	37.3	32	59.4	32	58.8	32	48.5
225	35	46.0	35	36.8	35	22.5	35	08.5	34	54.8	34	41.4	34	28.3	34	15.5	34	03.3	33	51.6	33	40.3	32	59.4	32	58.8	32	48.5
226	35	49.0	35	39.8	35	25.5	35	11.5	34	57.8	34	44.4	34	31.3	34	18.5	34	06.3	33	54.5	33	43.2	32	59.4	32	58.8	32	48.5
227	35	52.0	35	42.8	35	28.5	35	14.5	35	00.8	34	47.4	34	34.2	34	21.4	34	09.2	33	57.5	33	46.2	32	59.4	32	58.8	32	48.5
228	35	56.0	35	46.8	35	32.5	35	18.5	35	04.8	34	51.4	34	38.2	34	25.4	34	13.2	34	01.5	33	50.2	32	59.4	32	58.8	32	48.5
229	35	59.0	35	49.8	35	35.5	35	21.5	35	07.8	34	54.4	34	41.3	34	28.5	34	16.3	34	04.6	33	53.3	32	59.4	32	58.8	32	48.5
230	36	02.0	35	52.8	35	38.5	35	24.5	35	10.8	34	57.4	34	44.3	34	31.5	34	19.3	34	07.6	33	56.3	32	59.4	32	58.8	32	48.5
231	36	05.0	35	55.8	35	41.5	35	27.5	35	13.8	35	00.4	34	47.3	34	34.5	34	22.3	34	10.6	33	59.3	32	59.4	32	58.8	32	48.5
232	36	08.0	35	58.8	35	44.5	35	30.5	35	16.8	35	03.4	34	50.3	34	37.5	34	25.3	34	13.6	34	02.3	32	59.4	32	58.8	32	48.5
233	36	11.0	36	01.8	35	47.5	35	33.5	35	19.8	35	06.4	34	53.3	34	40.5	34	28.3	34	16.6	34	05.3	32	59.4	32	58.8	32	48.5
234	36	14.0	36	04.8	35	50.5	35	36.5	35	22.8	35	09.4	34	56.3	34	43.5	34	31.3	34	19.6	34	08.3	32	59.4	32	58.8	32	48.5
235	36	17.0	36	07.8	35	53.5	35	39.5	35	25.8	35	12.4	34	59.3	34	46.5	34	34.3	34	22.6	34	11.3	32	59.4	32	58.8	32	48.5
236	36	20.0	36	10.8	35	56.5	35	42.4	35	28.7	35	15.3	35	02.2	34	49.4	34	37.2	34	25.5	34	14.2	32	59.4	32	58.8	32	48.5
237	36	23.0	36	13.8	35	59.5	35	45.4	35	31.7	35	18.3	35	05.1	34	52.3	34	40.1	34	28.4	34	17.1	32	59.4	32	58.8	32	48.5
238	36	26.0	36	16.8	36	02.5	35	48.4	35	34.7	35	21.3	35	08.1	34	55.3	34	43.1	34	31.3	34	20.0	32	59.4	32	58.8	32	48.5
239	36	28.0	36	18.8	36	04.5	35	50.4	35	36.7	35	23.3	35	10.1	34	57.3	34	45.1	34	33.3	34	22.0	32	59.4	32	58.8	32	48.5
240	36	31.0	36	21.8	36	07.5	35	53.4	35	39.7	35	26.3	35	13.1	35	00.3	34	48.1	34	36.3	34	25.0	32	59.4	32	58.8	32	48.5
241	36	34.0	36	24.8	36	10.5	35	56.4	35	42.7	35	29.3	35	16.1	35	03.3	34	51.1	34	39.2	34	27.9	32	59.4	32	58.8	32	48.5
242	36	36.0	36	26.8	36	12.5	35	58.4	35	44.7	35	31.3	35	18.0	35	05.2	34	53.0	34	41.2	34	29.9	32	59.4	32	58.8	32	48.5
243	36	39.0	36	29.8	36	15.5	36	01.4	35	47.7	35	34.3	35	21.0	35	08.2	34	56.0	34	44.2	34	32.9	32	59.4	32	58.8	32	48.5

Depth  $h =$

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
0	38	52.0	38	42.8	38	28.4	38	14.3	38	00.2	37	46.6	37	33.7	37	20.6	37	08.2	36	56.7	36	45.4	36	34.4	36	23.7	36	13.0
1	38	51.6	38	42.4	38	28.1	38	14.0	37	59.8	37	46.2	37	33.4	37	20.2	37	07.8	36	56.3	36	45.0	36	34.0	36	23.3	36	12.6
2	38	51.3	38	42.2	38	27.6	38	13.7	37	59.6	37	45.0	37	33.1	37	20.0	37	07.6	36	56.1	36	44.8	36	33.8	36	23.1	36	12.3
3	38	51.1	38	42.0	38	27.5	38	13.5	37	59.4	37	45.8	37	32.9	37	19.8	37	07.4	36	55.9	36	44.6	36	33.6	36	22.9	36	12.0
4	38	51.0	38	41.9	38	27.5	38	13.4	37	59.3	37	45.7	37	32.8	37	19.7	37	07.3	36	55.8	36	44.5	36	33.5	36	22.8	36	12.0
5	38	51.0	38	41.8	38	27.4	38	13.3	37	59.2	37	45.6	37	32.7	37	19.6	37	07.2	36	55.7	36	44.4	36	33.4	36	22.7	36	12.0
6	38	50.9	38	41.8	38	27.4	38	13.3	37	59.2	37	45.6	37	32.7	37	19.6	37	07.2	36	55.7	36	44.4	36	33.4	36	22.7	36	12.0
7	38	50.9	38	41.8	38	27.4	38	13.3	37	59.2	37	45.6	37	32.7	37	19.6	37	07.2	36	55.7	36	44.4	36	33.4	36	22.7	36	12.0
8	38	51.0	38	41.8	38	27.4	38	13.3	37	59.2	37	45.6	37	32.7	37	19.6	37	07.2	36	55.7	36	44.4	36	33.4	36	22.7	36	12.0
9	38	51.0	38	41.8	38	27.4	38	13.3	37	59.2	37	45.6	37	32.7	37	19.6	37	07.2	36	55.7	36	44.4	36	33.4	36	22.7	36	12.0
10	38	51.0	38	41.8	38	27.4	38	13.3	37	59.2	37	45.6	37	32.7	37	19.6	37	07.2	36	55.7	36	44.4	36	33.4	36	22.7	36	12.0
11	38	50.8	38	41.7	38	27.3	38	13.2	37	59.0	37	45.4	37	32.6	37	19.4	37	07.1	36	55.6	36	44.3	36	33.3	36	22.6	36	11.8
12	38	50.7	38	41.5	38	27.2	38	13.1	37	58.9	37	45.3	37	32.5	37	19.3	37	06.9	36	55.5	36	44.2	36	33.2	36	22.5	36	11.7
13	38	50.5	38	41.3	38	27.0	38	12.9	37	58.7	37	45.1	37	32.3	37	19.1	37	06.7	36	55.3	36	44.0	36	33.0	36	22.3	36	11.5
14	38	50.2	38	41.1	38	26.7	38	12.6	37	58.4	37	44.8	37	32.0	37	18.8	37	06.4	36	55.1	36	43.8	36	32.8	36	22.1	36	11.2
15	38	50.0	38	40.8	38	26.5	38	12.4	37	58.1	37	44.5	37	31.8	37	18.5	37	06.2	36	54.8	36	43.5	36	32.5	36	21.8	36	11.0
16	38	49.6	38	40.5	38	26.1	38	12.0	37	57.8	37	44.2	37	31.4	37	18.2	37	05.8	36	54.5	36	43.2	36	32.2	36	21.5	36	10.6
17	38	49.3	38	40.1	38	25.8	38	11.7	37	57.4	37	43.8	37	31.1	37	17.8	37	05.5	36	54.2	36	42.9	36	31.9	36	21.2	36	10.3
18	38	48.4	38	39.3	38	25.0	38	10.9	37	56.5	37	42.9	37	30.3	37	16.9	37	04.6	36	53.4	36	42.1	36	31.1	36	20.4	36	09.4
20	38	48.0	38	38.8	38	24.5	38	10.4	37	56.0	37	42.4	37	29.8	37	16.4	37	04.1	36	52.9	36	41.6	36	30.6	36	19.9	36	09.0
21	38	47.4	38	38.2	38	23.9	38	09.8	37	55.5	37	41.9	37	29.2	37	15.9	37	03.5	36	52.3	36	41.0	36	30.0	36	19.3	36	08.4
22	38	46.8	38	37.6	38	23.3	38	09.2	37	54.8	37	41.2	37	28.6	37	15.2	37	02.9	36	51.7	36	40.4	36	29.4	36	18.7	36	07.8
23	38	46.1	38	37.0	38	22.7	38	08.6	37	54.2	37	40.6	37	28.0	37	14.6	37	02.3	36	51.1	36	39.8	36	28.8	36	18.1	36	07.2
24	38	45.5	38	36.4	38	22.1	38	08.0	37	53.6	37	40.0	37	27.4	37	14.0	37	01.7	36	50.5	36	39.2	36	28.2	36	17.5	36	06.6
25	38	45.0	38	35.8	38	21.5	38	07.4	37	53.1	37	39.5	37	26.8	37	13.5	37	01.1	36	49.9	36	38.6	36	27.6	36	16.9	36	06.0
26	38	44.4	38	35.3	38	20.9	38	06.8	37	52.5	37	38.9	37	26.2	37	12.9	37	00.6	36	49.4	36	38.1	36	27.1	36	16.4	36	05.4
27	38	43.9	38	34.8	38	20.5	38	06.4	37	52.0	37	38.4	37	25.8	37	12.4	37	00.1	36	48.9	36	37.6	36	26.6	36	15.9	36	04.9
28	38	43.5	38	34.4	38	20.0	38	05.9	37	51.6	37	38.0	37	25.3	37	11.7	36	59.4	36	48.5	36	37.2	36	26.2	36	15.5	36	04.5
29	38	43.2	38	34.0	38	19.7	38	05.6	37	51.3	37	37.7	37	25.0	37	11.5	36	59.4	36	48.1	36	36.8	36	25.8	36	15.1	36	04.2
30	38	43.0	38	33.8	38	19.5	38	05.4	37	51.1	37	37.5	37	24.8	37	11.3	36	59.2	36	47.9	36	36.6	36	24.9	36	14.2	36	03.2
31	38	42.2	38	33.1	38	18.8	38	04.7	37	50.4	37	36.8	37	24.1	37	10.8	36	58.4	36	47.2	36	35.9	36	24.9	36	14.2	36	03.2
32	38	41.4	38	32.3	38	18.0	38	03.9	37	49.6	37	36.0	37	23.3	37	10.0	36	57.6	36	46.4	36	35.1	36	24.1	36	13.4	36	02.5
33	38	40.6	38	31.4	38	17.1	38	03.0	37	48.7	37	35.1	37	22.4	37	09.1	36	56.8	36	45.5	36	34.2	36	23.2	36	12.5	36	01.6
34	38	39.8	38	30.6	38	16.3	38	02.2	37	47.9	37	34.3	37	21.6	37	08.3	36	56.0	36	44.7	36	33.4	36	22.4	36	11.7	36	00.8
35	38	39.0	38	29.8	38	15.5	38	01.4	37	47.1	37	33.5	37	20.8	37	07.5	36	55.2	36	43.9	36	32.6	36	21.6	36	10.9	36	00.0
36	38	38.2	38	29.0	38	14.7	38	00.6	37	46.3	37	32.7	37	20.0	37	06.7	36	54.4	36	43.1	36	31.8	36	20.8	36	10.1	36	59.2
37	38	37.5	38	28.3	38	14.0	37	59.9	37	45.6	37	32.0	37	19.3	37	06.0	36	53.7	36	42.4	36	31.1	36	20.1	36	09.4	36	58.5
38	38	36.8	38	27.7	38	13.4	37	59.3	37	45.0	37	31.4	37	18.7	37	05.4	36	53.0	36	41.8	36	30.5	36	19.5	36	08.8	36	57.9
39	38	36.3	38	27.2	38	12.9	37	58.8	37	44.5	37	30.9	37	18.2	37	04.9	36	52.5	36	41.3	36	30.0	36	19.0	36	08.3	36	57.4

$\Delta$	Depth $h =$											
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10
	m	m	m	m	m	m	m	m	m	m	m	m
40	38 36.0	38 26.8	38 12.5	37 58.4	37 44.1	37 30.5	37 17.8	37 04.5	36 52.2	36 40.9	36 29.6	36 18.4
41	38 35.2	38 26.1	38 11.6	37 57.7	37 43.4	37 29.8	37 17.1	37 03.8	36 51.5	36 40.2	36 28.9	36 17.9
42	38 34.5	38 25.2	38 11.0	37 56.9	37 42.7	37 29.1	37 16.3	37 03.1	36 50.8	36 39.4	36 28.1	36 17.1
43	38 33.7	38 24.5	38 10.5	37 56.1	37 41.9	37 28.3	37 15.5	37 02.3	36 50.0	36 38.6	36 27.3	36 16.3
44	38 32.8	38 23.7	38 09.4	37 55.3	37 41.1	37 27.5	37 14.7	37 01.5	36 49.2	36 37.7	36 26.4	36 15.4
45	38 32.0	38 22.8	38 08.5	37 54.4	37 40.3	37 26.7	37 13.8	37 00.7	36 48.4	36 36.8	36 25.5	36 14.5
46	38 31.0	38 21.9	38 07.6	37 53.5	37 39.4	37 25.8	37 12.9	36 59.8	36 47.5	36 35.9	36 24.6	36 13.6
47	38 30.1	38 20.9	38 06.6	37 52.5	37 38.5	37 24.9	37 11.9	36 58.9	36 46.6	36 34.9	36 23.6	36 12.6
48	38 29.1	38 19.9	38 05.6	37 51.5	37 37.6	37 24.0	37 10.9	36 58.0	36 45.6	36 33.9	36 22.6	36 11.6
49	38 28.0	38 18.9	38 04.6	37 50.5	37 36.6	37 23.0	37 09.9	36 57.0	36 44.7	36 32.8	36 21.5	36 10.5
50	38 27.0	38 17.8	38 03.5	37 49.4	37 35.5	37 21.9	37 08.8	36 55.9	36 43.6	36 31.7	36 20.4	36 09.4
51	38 25.8	38 16.6	38 02.3	37 48.2	37 34.3	37 20.7	37 07.6	36 54.7	36 42.4	36 30.5	36 19.2	36 08.2
52	38 24.6	38 15.4	38 01.1	37 47.0	37 33.1	37 19.5	37 06.4	36 53.5	36 41.2	36 29.3	36 18.0	36 07.0
53	38 23.3	38 14.2	37 59.9	37 45.8	37 31.9	37 18.3	37 05.2	36 52.3	36 40.0	36 28.1	36 16.8	36 05.8
54	38 22.1	38 13.0	37 58.7	37 44.6	37 30.7	37 17.1	37 04.0	36 51.1	36 38.8	36 26.9	36 15.6	36 04.6
55	38 21.0	38 11.8	37 57.5	37 43.4	37 29.5	37 15.9	37 02.8	36 49.9	36 37.6	36 25.7	36 14.4	36 03.4
56	38 19.8	38 10.7	37 56.4	37 42.3	37 28.4	37 14.8	37 01.7	36 48.8	36 36.5	36 24.5	36 13.2	36 02.2
57	38 18.7	38 09.6	37 55.3	37 41.2	37 27.3	37 13.7	37 00.6	36 47.7	36 35.4	36 23.3	36 12.2	36 01.2
58	38 17.7	38 08.6	37 54.3	37 40.2	37 26.3	37 12.7	36 59.6	36 46.7	36 34.4	36 22.3	36 11.2	36 00.2
59	38 16.8	38 07.6	37 53.3	37 39.2	37 25.3	37 11.7	36 58.6	36 45.7	36 33.4	36 21.5	36 10.2	35 59.2
60	38 16.0	38 06.8	37 52.5	37 38.4	37 24.5	37 10.9	36 57.8	36 44.9	36 32.6	36 20.7	36 09.4	35 58.4
61	38 14.8	38 05.6	37 51.3	37 37.2	37 23.3	37 09.7	36 56.6	36 43.7	36 31.4	36 19.5	36 08.2	35 57.2
62	38 13.6	38 04.5	37 50.2	37 36.1	37 22.2	37 08.6	36 55.5	36 42.6	36 30.3	36 18.4	36 07.1	35 56.1
63	38 12.4	38 03.3	37 49.0	37 34.9	37 21.0	37 07.4	36 54.3	36 41.4	36 29.1	36 17.2	36 05.9	35 54.9
64	38 11.2	38 02.0	37 47.7	37 33.6	37 19.7	37 06.1	36 53.0	36 40.1	36 27.8	36 15.9	36 04.6	35 53.6
65	38 10.0	38 00.8	37 46.5	37 32.4	37 18.5	37 04.9	36 51.8	36 38.9	36 26.6	36 14.7	36 03.4	35 52.4
66	38 08.7	37 59.6	37 45.3	37 31.2	37 17.3	37 03.7	36 50.6	36 37.7	36 25.4	36 13.5	36 02.2	35 51.2
67	38 07.5	37 58.3	37 44.0	37 29.9	37 16.0	37 02.4	36 49.3	36 36.4	36 24.1	36 12.2	36 00.9	35 49.9
68	38 06.3	37 57.1	37 42.8	37 28.7	37 14.8	37 01.2	36 48.1	36 35.2	36 22.9	36 11.0	35 59.7	35 48.7
69	38 05.1	37 56.0	37 41.7	37 27.6	37 13.7	36 58.9	36 45.8	36 32.9	36 20.6	36 08.7	35 57.4	35 46.4
70	38 04.0	37 54.8	37 40.5	37 26.4	37 12.5	36 58.0	36 44.5	36 31.6	36 19.3	36 07.4	35 56.1	35 45.1
71	38 02.6	37 53.5	37 39.2	37 25.1	37 11.2	36 57.6	36 44.5	36 31.6	36 19.3	36 07.4	35 56.1	35 45.1
72	38 01.3	37 52.1	37 37.8	37 23.7	37 09.8	36 56.2	36 43.1	36 30.2	36 17.9	36 06.0	35 54.7	35 43.7
73	37 59.9	37 50.7	37 36.4	37 22.3	37 08.4	36 54.8	36 41.7	36 28.8	36 16.5	36 04.6	35 53.3	35 42.3
74	37 58.4	37 49.3	37 35.0	37 20.9	37 07.0	36 53.4	36 40.3	36 27.4	36 15.1	36 03.2	35 51.9	35 40.9
75	37 57.0	37 47.8	37 33.5	37 19.4	37 05.5	36 51.9	36 38.8	36 25.9	36 13.6	36 01.7	35 50.4	35 39.4
76	37 55.4	37 46.3	37 32.0	37 17.9	37 04.0	36 50.4	36 37.3	36 24.4	36 12.1	36 00.2	35 48.9	35 37.9
77	37 53.9	37 44.7	37 30.4	37 16.3	37 02.4	36 48.8	36 35.7	36 22.8	36 10.5	35 58.6	35 47.3	35 36.3
78	37 52.3	37 43.1	37 28.8	37 14.7	37 00.8	36 47.2	36 34.1	36 21.2	36 08.9	35 57.0	35 45.7	35 34.7
79	37 50.6	37 41.5	37 27.2	37 13.1	36 59.2	36 45.6	36 32.5	36 19.6	36 07.3	35 55.4	35 44.1	35 33.1

Δ	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
80	37 49.0	37 39.8	37 25.5	37 11.4	36 57.6	36 43.9	36 30.8	36 17.9	36 05.6	35 53.7	35 42.4	35 31.3	35 20.6	35 10.2
81	37 47.5	37 38.4	37 24.1	37 10.0	36 56.1	36 42.5	36 29.4	36 16.5	35 04.2	35 52.2	35 40.9	35 29.9	35 19.2	35 08.8
82	37 46.1	37 37.0	37 22.7	37 08.6	36 54.8	36 41.1	36 28.0	36 15.1	36 02.8	35 50.9	35 39.6	35 28.5	35 17.8	35 07.4
83	37 44.8	37 35.6	37 21.3	37 07.2	36 53.4	36 39.8	36 26.6	36 13.8	36 01.4	35 49.5	35 38.2	35 27.1	35 16.4	35 06.0
84	37 43.4	37 34.2	37 19.9	37 05.8	36 52.0	36 38.4	36 25.2	36 12.4	36 00.1	35 48.1	35 36.8	35 25.9	35 15.0	35 04.6
85	37 42.0	37 32.8	37 18.5	37 04.4	36 50.6	36 37.0	36 23.8	36 11.0	35 58.6	35 46.7	35 35.4	35 24.3	35 13.6	35 03.2
86	37 40.5	37 31.3	37 17.0	37 02.9	36 49.1	36 35.5	36 22.3	36 09.5	35 57.2	35 45.2	35 33.9	35 22.9	35 12.2	35 01.8
87	37 39.0	37 29.8	37 15.5	37 01.4	36 47.6	36 34.0	36 20.8	36 08.0	35 55.7	35 43.7	35 32.4	35 21.4	35 10.7	35 00.3
88	37 37.4	37 28.2	37 13.9	36 59.8	36 46.0	36 32.4	36 19.2	36 06.4	35 54.1	35 42.1	35 30.8	35 19.8	35 09.1	34 58.7
89	37 35.7	37 26.6	37 12.3	36 58.2	36 44.4	36 30.8	36 17.6	36 04.8	35 52.5	35 40.5	35 29.2	35 18.2	35 07.5	34 57.1
90	37 34.0	37 24.8	37 10.5	36 56.4	36 42.6	36 29.0	36 15.8	36 03.0	35 50.7	35 38.7	35 27.4	35 16.4	35 05.7	34 55.3
91	37 32.4	37 23.2	37 08.9	36 54.8	36 41.1	36 27.5	36 14.2	36 01.5	35 49.2	35 37.2	35 25.9	35 14.9	35 04.2	34 53.8
92	37 30.8	37 21.7	37 07.4	36 53.3	36 39.5	36 25.9	36 12.7	35 59.9	35 47.6	35 35.6	35 24.3	35 13.3	35 02.6	34 52.2
93	37 29.2	37 20.1	37 05.8	36 51.7	36 37.9	36 24.3	36 11.1	35 58.3	35 46.0	35 34.1	35 22.8	35 11.8	35 01.1	34 50.7
94	37 27.6	37 18.4	37 04.1	36 50.0	36 36.3	36 22.7	36 09.5	35 56.7	35 44.4	35 32.5	35 21.2	35 10.2	34 59.5	34 49.1
95	37 26.0	37 16.8	37 02.5	36 48.4	36 34.6	36 21.1	36 07.9	35 55.1	35 42.8	35 30.9	35 19.6	35 08.6	34 57.9	34 47.5
96	37 24.3	37 15.1	37 00.6	36 46.7	36 32.9	36 19.4	36 06.2	35 53.4	35 41.1	35 29.2	35 17.9	35 06.9	34 56.2	34 45.9
97	37 22.5	37 13.4	36 59.1	36 45.0	36 31.2	36 17.7	36 04.5	35 51.7	35 39.4	35 27.5	35 16.2	35 05.3	34 54.6	34 44.2
98	37 20.1	37 11.6	36 57.3	36 43.2	36 29.4	36 15.9	36 02.7	35 49.9	35 37.7	35 25.8	35 14.5	35 03.5	34 52.8	34 42.5
99	37 18.9	37 09.7	36 55.4	36 41.3	36 27.6	36 14.1	36 00.8	35 48.1	35 35.8	35 23.9	35 12.6	35 01.7	34 51.0	34 40.7
100	37 17.0	37 07.8	36 53.5	36 39.4	36 25.6	36 12.1	35 58.9	35 46.1	35 33.9	35 22.1	35 10.8	34 59.9	34 49.2	34 38.8
101	37 15.3	37 06.2	36 51.9	36 37.7	36 24.0	36 10.5	35 57.3	35 44.5	35 32.3	35 20.5	35 09.2	34 58.3	34 47.6	34 37.2
102	37 13.7	37 04.6	36 50.3	36 36.2	36 22.4	36 09.0	35 55.9	35 43.0	35 30.8	35 18.9	35 07.6	34 56.7	34 46.0	34 35.7
103	37 12.2	37 03.0	36 48.7	36 34.6	36 20.8	36 07.4	35 54.2	35 41.4	35 29.2	35 17.3	35 06.0	34 55.1	34 44.5	34 34.1
104	37 10.6	37 01.4	36 47.1	36 33.0	36 19.2	36 05.8	35 52.6	35 39.8	35 27.6	35 15.8	35 04.4	34 53.6	34 42.9	34 32.5
105	37 09.0	36 59.8	36 45.5	36 31.4	36 17.6	36 04.2	35 51.0	35 38.2	35 26.0	35 14.2	35 02.9	34 52.0	34 41.3	34 30.9
106	37 07.3	36 58.1	36 43.8	36 29.7	36 16.0	36 02.5	35 49.3	35 36.5	35 24.4	35 12.5	35 01.2	34 50.3	34 39.7	34 29.3
107	37 05.6	36 56.4	36 42.1	36 28.0	36 14.2	36 00.8	35 47.6	35 34.8	35 22.7	35 10.8	34 59.5	34 48.6	34 38.0	34 27.6
108	37 03.8	36 54.6	36 40.3	36 26.2	36 12.5	35 59.0	35 45.8	35 33.0	35 20.9	34 57.7	34 46.9	34 36.2	34 25.8	34 15.4
109	37 01.9	36 52.8	36 38.5	36 24.4	36 10.6	35 57.2	35 44.0	35 31.2	35 19.0	35 07.2	34 55.9	34 45.0	34 34.3	34 24.0
110	37 00.0	36 50.8	36 36.5	36 22.4	36 08.6	35 55.2	35 42.0	35 29.2	35 17.0	35 05.2	34 53.9	34 43.0	34 32.4	34 22.0
111	36 58.0	36 48.8	36 34.5	36 20.4	36 06.6	35 53.2	35 40.0	35 27.2	35 15.0	35 03.2	34 51.9	34 41.1	34 30.4	34 20.3
112	36 56.0	36 46.8	36 32.5	36 18.4	36 04.6	35 51.2	35 38.0	35 25.2	35 13.0	35 01.2	34 49.9	34 39.1	34 28.4	34 18.0
113	36 53.9	36 44.8	36 30.5	36 16.4	36 02.6	35 49.2	35 36.0	35 23.2	35 11.0	34 59.2	34 47.9	34 37.1	34 26.4	34 16.0
114	36 51.9	36 42.8	36 28.4	36 14.4	36 00.6	35 47.2	35 34.0	35 21.2	35 09.0	34 57.2	34 45.9	34 35.0	34 24.4	34 14.0
115	36 50.0	36 40.8	36 26.5	36 12.4	35 58.6	35 45.2	35 32.0	35 19.2	35 07.0	34 55.2	34 43.9	34 33.1	34 22.4	34 12.0
116	36 48.0	36 38.8	36 24.5	36 10.4	35 56.6	35 43.2	35 30.1	35 17.2	35 05.1	34 53.3	34 41.9	34 31.1	34 20.5	34 10.1
117	36 46.1	36 37.0	36 22.6	36 08.5	35 54.7	35 41.3	35 28.2	35 15.4	35 03.4	34 51.4	34 40.1	34 29.2	34 18.6	34 08.2
118	36 44.3	36 35.1	36 20.8	36 06.7	35 52.9	35 39.5	35 26.4	35 13.5	35 01.6	34 49.6	34 38.2	34 27.4	34 16.8	34 06.4
119	36 42.6	36 33.4	36 19.1	36 05.0	35 51.2	35 37.8	35 24.6	35 11.8	34 59.7	34 47.8	34 36.5	34 25.7	34 15.0	34 04.6

TIMES OF SKKS      BRANCH      DF

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
120	36	41.0	36	31.8	36	17.4	36	03.4	35	49.6	35	36.2	35	23.0	35	10.2	34	58.0	34	46.2	34	34.9	34	24.1	34	13.4	34	03.0
121	36	39.2	36	30.0	36	15.6	36	01.5	35	47.8	35	34.4	35	21.2	35	08.4	34	56.2	34	44.4	34	33.1	34	22.3	34	11.6	34	01.2
122	36	37.4	36	28.2	36	13.8	35	59.7	35	46.0	35	32.6	35	19.4	35	06.6	34	54.4	34	42.6	34	31.3	34	20.4	34	09.8	33	59.4
123	36	35.6	36	26.4	36	12.0	35	57.9	35	44.2	35	30.8	35	17.6	35	04.8	34	52.6	34	40.8	34	29.5	34	18.6	34	08.0	33	57.6
124	36	33.8	36	24.6	36	10.2	35	56.1	35	42.4	35	29.0	35	15.8	35	03.0	34	50.8	34	39.0	34	27.7	34	16.8	34	06.2	33	55.8
125	36	32.0	36	22.8	36	08.4	35	54.3	35	40.6	35	27.2	35	14.0	35	01.2	34	49.0	34	37.2	34	25.9	34	15.0	34	04.4	33	54.0
126	36	30.2	36	21.0	36	06.6	35	52.5	35	38.8	35	25.4	35	12.2	34	59.4	34	47.2	34	35.4	34	24.1	34	13.2	34	02.6	33	52.2
127	36	28.4	36	19.2	36	04.8	35	50.7	35	36.9	35	23.6	35	10.4	34	57.6	34	45.4	34	33.6	34	22.3	34	11.4	34	00.8	33	50.4
128	36	26.6	36	17.4	36	03.0	35	48.9	35	35.1	35	21.8	35	08.6	34	55.8	34	43.6	34	31.8	34	20.5	34	09.6	33	59.0	33	48.6
129	36	24.8	36	15.6	36	01.2	35	47.1	35	33.3	35	20.0	35	06.8	34	54.0	34	41.8	34	30.0	34	18.7	34	07.8	33	57.2	33	46.8
130	36	23.0	36	13.8	35	59.4	35	45.3	35	31.5	35	18.2	35	05.0	34	52.2	34	40.0	34	28.2	34	16.8	34	06.0	33	55.4	33	45.0
131	36	21.0	36	11.8	35	57.4	35	43.3	35	29.6	35	16.2	35	03.0	34	50.2	34	38.0	34	26.2	34	14.9	34	04.0	33	53.4	33	43.0
132	36	19.0	36	09.8	35	55.4	35	41.3	35	27.6	35	14.2	35	01.0	34	48.2	34	36.0	34	24.2	34	12.8	34	02.0	33	51.4	33	41.0
133	36	16.9	36	07.8	35	53.4	35	39.3	35	25.5	35	12.1	34	59.0	34	46.2	34	34.0	34	22.2	34	10.8	34	00.0	33	49.2	33	39.0
134	36	14.9	36	05.8	35	51.4	35	37.3	35	23.5	35	10.1	34	57.0	34	44.2	34	32.0	34	20.2	34	08.8	33	58.0	33	47.3	33	36.9
135	36	13.0	36	03.8	35	49.4	35	35.3	35	21.5	35	08.2	34	55.0	34	42.2	34	30.0	34	18.2	34	06.8	33	56.2	33	45.4	32	35.0
136	36	11.0	36	01.8	35	47.4	35	33.4	35	19.6	35	06.2	34	53.1	34	40.3	34	28.0	34	16.3	34	04.9	33	54.0	33	43.4	32	33.0
137	36	09.1	35	59.9	35	45.6	35	31.5	35	17.7	35	04.2	34	51.2	34	38.4	34	26.2	34	14.4	34	03.0	33	52.1	33	41.5	32	31.1
138	36	07.3	35	58.1	35	43.7	35	29.7	35	15.9	35	02.5	34	49.4	34	36.6	34	24.4	34	12.6	34	01.2	33	50.3	33	39.7	32	29.3
139	36	05.6	35	56.4	35	42.0	35	28.0	35	14.2	35	00.8	34	47.7	34	34.9	34	22.6	34	10.8	33	59.5	33	48.6	33	38.0	32	27.6
140	36	04.0	35	54.8	35	40.4	35	26.3	35	12.6	34	59.2	34	46.1	34	33.2	34	21.0	34	09.2	33	57.9	33	47.0	33	36.4	32	26.0
141	36	02.0	35	52.8	35	38.4	35	24.4	35	10.6	34	57.2	34	44.1	34	31.3	34	19.1	34	07.3	33	55.2	33	45.0	33	34.4	32	24.0
142	36	00.0	35	50.8	35	36.5	35	22.4	35	08.6	34	55.2	34	42.1	34	29.3	34	17.1	34	05.3	33	53.9	33	43.1	33	32.5	32	22.1
143	35	58.0	35	48.8	35	34.5	35	20.4	35	06.6	34	53.2	34	40.1	34	27.3	34	15.1	34	03.3	33	51.9	33	41.1	33	30.5	32	20.1
144	35	56.0	35	46.8	35	32.4	35	18.4	35	04.6	34	51.2	34	38.1	34	25.3	34	13.1	34	01.3	33	49.9	33	39.1	33	28.5	32	18.1
145	35	54.0	35	44.8	35	30.4	35	16.4	35	02.6	34	49.2	34	36.1	34	23.3	34	11.1	33	59.3	33	47.9	33	37.0	33	26.4	32	16.1
146	35	51.9	35	42.7	35	28.4	35	14.3	35	00.6	34	47.2	34	34.1	34	21.3	34	09.0	33	57.2	33	45.9	33	35.0	33	24.4	32	14.1
147	35	49.9	35	40.7	35	26.4	35	12.3	34	58.5	34	45.1	34	32.1	34	19.3	34	07.0	33	55.2	33	43.9	33	33.0	33	22.4	32	12.1
148	35	47.9	35	38.7	35	24.2	35	10.3	34	56.5	34	43.1	34	30.1	34	17.3	34	05.0	33	53.2	33	41.9	33	31.0	33	20.4	32	10.1
149	35	45.9	35	36.7	35	22.4	35	08.3	34	54.6	34	41.2	34	28.1	34	15.3	34	03.1	33	51.3	33	40.0	33	29.1	33	18.5	32	08.1
150	35	44.0	35	34.8	35	20.4	35	06.4	34	52.6	34	39.2	34	26.2	34	13.4	34	01.1	33	49.4	33	38.0	33	27.0	33	16.5	32	06.2
151	35	41.9	35	32.7	35	18.4	35	04.4	34	50.6	34	37.2	34	24.1	34	11.3	33	59.1	33	47.4	33	36.0	33	25.1	33	14.5	32	04.2
152	35	39.9	35	30.7	35	16.4	35	02.3	34	48.6	34	35.2	34	22.1	34	09.3	34	07.4	33	45.4	33	34.0	33	23.1	33	12.6	32	02.2
153	35	37.9	35	28.7	35	14.4	35	00.3	34	46.6	34	33.2	34	20.1	34	07.4	33	55.1	33	43.4	33	32.0	33	21.2	33	10.6	32	00.3
154	35	35.9	35	26.7	35	12.4	34	58.4	34	44.6	34	31.2	34	18.2	34	05.4	33	53.2	33	41.4	33	30.1	33	19.2	33	08.6	32	58.3
155	35	34.0	35	24.8	35	10.5	34	56.4	34	42.7	34	29.3	34	16.3	34	03.5	33	51.3	33	39.5	33	28.2	33	17.3	33	06.7	32	56.4
156	35	32.0	35	22.9	35	08.5	34	54.5	34	40.8	34	27.4	34	14.4	34	01.5	33	49.4	33	37.6	33	26.3	33	15.4	33	04.9	32	54.6
157	35	30.2	35	21.0	35	06.7	34	52.7	34	39.0	34	25.6	34	12.5	33	59.8	33	47.5	33	35.8	33	24.5	33	13.6	33	03.0	32	52.8
158	35	28.4	35	19.2	35	04.2	34	50.9	34	37.2	34	23.8	34	10.7	33	58.0	33	45.8	33	34.0	33	22.7	33	11.8	33	01.3	32	51.0
159	35	26.6	35	17.5	35	03.2	34	49.2	34	35.5	34	22.1	34	09.0	33	56.3	33	44.1	33	32.4	33	21.0	33	10.1	32	59.6	32	49.3

Depth  $h =$

$\Delta$

	Surface	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
160	35 25.0	35 15.8	35 01.3	34 47.5	34 33.8	34 20.4	34 07.4	33 54.6	33 42.4	33 30.7	33 19.4	33 08.5	32 58.0	32 47.7
161	35 23.0	35 13.9	34 59.6	34 45.6	34 31.9	34 18.5	34 05.4	33 52.7	33 40.5	33 28.8	33 17.5	33 06.6	32 56.1	32 45.9
162	35 21.0	35 11.9	34 57.6	34 43.6	34 29.9	34 16.5	34 03.5	33 50.8	33 38.6	33 26.9	33 15.6	33 04.7	32 54.2	32 44.0
163	35 19.0	35 09.9	34 55.6	34 41.6	34 27.9	34 14.5	34 01.5	33 48.8	33 36.6	33 24.9	33 13.7	33 02.8	32 52.2	32 42.0
164	35 17.0	35 07.9	34 53.6	34 39.6	34 25.9	34 12.5	33 59.5	33 46.8	33 34.6	33 23.0	33 11.7	33 00.8	32 50.3	32 40.1
165	35 15.0	35 05.8	34 51.6	34 37.6	34 23.9	34 10.5	33 57.5	33 44.8	33 32.7	33 21.0	33 09.7	32 58.9	32 48.3	32 38.2
166	35 12.9	35 03.8	34 49.6	34 35.6	34 21.9	34 08.5	33 55.5	33 42.9	33 30.7	33 19.0	33 07.8	32 56.9	32 46.4	32 36.2
167	35 10.9	35 01.8	34 47.5	34 33.6	34 19.9	34 06.5	33 53.6	33 40.9	33 28.7	33 17.1	33 05.8	32 55.0	32 44.5	32 34.3
168	35 08.9	34 59.8	34 45.6	34 31.6	34 18.0	34 04.5	33 51.6	33 38.9	33 26.8	33 15.2	33 03.9	32 53.0	32 42.5	32 32.4
169	35 06.9	34 57.8	34 43.6	34 29.6	34 16.0	34 02.6	33 49.7	33 37.0	33 24.8	33 13.3	33 02.0	32 51.1	32 40.7	32 30.5
170	35 05.0	34 55.8	34 41.7	34 27.7	34 14.1	34 00.7	33 47.7	33 35.1	33 23.0	33 11.4	33 00.2	32 49.3	32 38.8	32 28.7
171	35 03.0	34 53.9	34 39.7	34 25.7	34 12.1	33 58.8	33 45.8	33 33.1	33 21.0	33 09.5	32 58.3	32 47.4	32 36.9	32 26.6
172	35 00.9	34 51.8	34 37.7	34 23.8	34 10.2	33 56.8	33 43.8	33 31.2	33 19.1	33 07.5	32 56.3	32 45.5	32 35.0	32 24.9
173	34 59.0	34 49.9	34 35.7	34 21.8	34 08.2	33 54.8	33 41.9	33 29.2	33 17.2	33 05.6	32 54.5	32 43.6	32 33.1	32 23.1

TIMES OF KKP BRANCH AB

Depth  $h =$

Surface	0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12			
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s		
134	32	08.3	31	59.2	31	45.1	31	31.2	31	17.5	31	04.2	30	51.2	30	38.6	30	26.6	30	15.0	30	03.9	2	53.1	29	42.7	29	32.7
135	32	03.9	31	54.8	31	40.7	31	26.8	31	13.1	30	59.8	30	46.8	30	34.2	30	22.2	30	10.6	29	59.5	29	48.7	29	38.3	29	28.3
136	31	59.5	31	50.4	31	36.3	31	22.4	31	08.7	30	55.4	30	42.4	30	29.8	30	17.8	30	06.2	29	55.1	29	44.7	29	33.9	29	23.9
137	31	55.1	31	46.0	31	31.9	31	18.0	31	04.3	30	51.0	30	38.0	30	25.4	30	13.4	30	01.8	29	50.7	29	39.9	29	29.5	29	19.5
138	31	50.7	31	41.6	31	27.5	31	13.6	30	59.9	30	46.6	30	33.6	30	21.0	30	09.0	29	57.4	29	46.3	29	35.5	29	25.1	29	15.1
139	31	46.2	31	37.1	31	23.0	31	09.1	30	55.4	30	42.1	30	29.1	30	16.5	30	04.5	29	52.9	29	41.8	29	31.0	29	20.6	29	10.6
140	31	41.8	31	32.7	31	18.6	31	04.7	30	51.0	30	37.7	30	24.7	30	12.1	30	00.1	29	48.5	29	37.4	29	26.6	29	16.2	29	06.2
141	31	37.3	31	28.2	31	14.1	31	00.2	30	46.5	30	33.2	30	20.2	30	07.6	29	55.6	29	44.0	29	32.9	29	22.1	29	11.7	29	01.7
142	31	32.9	31	23.8	31	09.7	30	55.8	30	42.1	30	28.8	30	15.8	30	03.2	29	51.2	29	39.6	29	28.5	29	17.7	29	07.3	28	57.3
143	31	28.5	31	19.4	31	05.3	30	51.4	30	37.7	30	24.4	30	11.4	29	58.8	29	46.8	29	35.2	29	24.1	29	13.3	29	02.9	28	52.9
144	31	24.0	31	14.9	31	00.8	30	46.9	30	33.2	30	19.9	30	06.9	29	54.3	29	42.3	29	30.7	29	19.6	29	08.8	28	58.4	28	48.4
145	31	19.6	31	10.5	30	56.4	30	42.5	30	28.8	30	15.5	30	02.5	29	49.9	29	37.9	29	26.3	29	15.2	29	04.4	28	54.0	28	47.0
146	31	15.2	31	06.1	30	52.0	30	38.1	30	24.4	30	11.1	29	58.1	29	45.5	29	33.5	29	21.9	29	10.8	29	00.0	28	49.6	28	39.6

BRANCH BC

	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s								
100	33	42.3	33	33.1	33	18.8	33	04.7	32	50.9	32	37.5	32	24.1	32	11.5	31	59.3	31	47.4	31	36.1	31	25.2	31	14.6	31	04.2
101	33	40.0	33	30.8	33	16.5	33	02.4	32	48.6	32	35.2	32	22.0	32	09.2	31	57.0	31	45.1	31	33.8	31	22.9	31	12.2	31	01.9
102	33	37.7	33	28.5	33	14.2	33	00.1	32	46.3	32	32.9	32	19.6	32	06.8	31	54.6	31	42.8	31	31.5	31	20.6	31	09.9	30	59.5
103	32	35.3	33	26.1	33	11.9	32	57.7	32	43.9	32	30.4	32	17.2	32	04.4	31	52.2	31	40.3	31	29.0	31	18.1	31	07.5	30	57.1
104	33	32.8	33	23.6	33	09.3	32	55.2	32	41.4	32	27.9	32	14.7	32	01.9	31	49.7	31	37.8	31	26.5	31	15.6	31	05.0	30	54.6
105	33	30.7	33	21.1	33	06.8	32	52.7	32	38.9	32	25.4	32	12.2	31	59.4	31	47.2	31	35.3	31	24.0	31	13.1	31	02.5	30	52.1
106	33	27.7	33	18.5	33	04.2	32	50.1	32	36.3	32	22.8	32	09.6	31	56.8	31	44.6	31	32.7	31	21.4	31	10.5	30	59.9	30	49.5
107	33	25.1	33	15.9	33	01.6	32	47.5	32	33.7	32	20.3	32	07.0	31	54.2	31	42.0	31	30.2	31	18.9	31	08.0	30	57.3	30	46.9
108	33	22.5	33	13.3	32	59.0	32	44.9	32	31.1	32	17.7	32	04.4	31	51.7	31	39.5	31	27.6	31	16.3	31	05.4	30	54.7	30	44.3
109	33	19.9	33	10.7	32	56.4	32	42.3	32	28.5	32	15.1	32	01.9	31	49.1	31	36.9	31	25.0	31	13.7	31	02.8	30	52.1	30	41.8
110	33	17.3	33	08.1	32	53.8	32	39.7	32	25.9	32	12.5	31	59.3	31	46.5	31	34.3	31	22.4	31	11.1	31	00.2	30	49.6	30	39.2
111	33	14.6	33	05.1	32	51.1	32	37.0	32	23.3	32	09.8	31	56.6	31	43.8	31	31.6	31	19.8	31	08.5	30	57.6	30	46.3	30	36.6
112	33	11.9	32	02.7	32	48.4	32	34.3	32	20.6	32	07.1	31	53.9	31	41.1	31	28.9	31	17.1	31	05.8	30	54.9	30	44.3	30	33.9
113	33	09.1	32	59.9	32	45.6	32	31.5	32	17.8	32	04.3	31	51.2	31	38.4	31	26.2	31	14.3	31	03.0	30	52.1	30	41.5	30	31.2
114	33	06.3	32	57.1	32	42.8	32	28.7	32	15.0	32	01.6	31	48.4	31	35.6	31	23.4	31	11.6	31	00.3	30	49.4	30	38.8	30	28.4
115	33	03.5	32	54.3	32	40.0	32	26.0	32	12.2	31	58.8	31	45.6	31	32.8	31	20.6	31	08.8	30	57.5	30	46.6	30	36.0	30	25.7
116	33	00.6	32	51.4	32	37.1	32	23.1	32	09.3	31	55.9	31	42.8	31	30.0	31	17.8	31	06.0	30	54.7	30	43.8	30	33.2	30	22.8
117	32	57.6	32	48.4	32	34.1	32	20.1	32	06.4	31	52.9	31	39.8	31	27.0	31	14.8	31	03.0	30	51.7	30	40.8	30	30.2	30	19.9
118	32	54.7	32	45.5	32	31.2	32	17.2	32	03.5	31	50.1	31	36.9	31	24.1	31	11.9	31	00.2	30	48.9	30	38.0	30	27.4	30	17.1
119	32	51.7	32	42.5	32	28.2	32	14.2	32	00.5	31	47.1	31	34.0	31	21.2	31	09.0	30	57.3	30	46.0	30	35.1	30	24.4	30	14.1
120	32	48.7	32	39.5	32	25.2	32	11.2	31	57.5	31	44.1	31	31.0	31	18.2	31	06.0	30	54.3	30	43.0	30	32.1	30	21.5	30	11.2
121	32	45.7	32	36.5	32	22.2	32	08.2	31	54.5	31	41.1	31	28.0	31	15.2	31	03.0	30	51.3	30	40.0	30	29.1	30	18.5	30	08.3
122	32	42.6	32	33.4	32	19.1	32	05.1	31	51.4	31	38.0	31	24.9	31	12.2	31	00.0	30	48.3	30	37.0	30	26.1	30	15.5	30	05.2

Depth  $h =$ 

Surface	0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12			
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s		
123	32	39.5	32	30.3	32	16.0	32	02.0	31	48.3	31	34.9	31	21.8	31	09.1	30	56.9	30	45.2	30	33.9	30	23.0	30	12.4	30	02.2
124	32	36.3	32	27.1	32	12.8	31	58.8	31	45.1	31	31.7	31	18.7	31	05.9	30	53.7	30	42.0	30	30.7	30	19.8	30	09.2	29	59.0
125	32	33.0	32	23.8	32	09.5	31	55.5	31	41.8	31	28.4	31	15.4	31	02.6	30	50.4	30	38.7	30	27.4	30	16.6	30	06.0	29	55.7
126	32	29.7	32	20.5	32	06.2	31	52.2	31	38.5	31	25.1	31	12.1	30	59.3	30	47.2	30	35.5	30	24.2	30	13.3	30	02.7	29	52.5
127	32	26.4	32	17.2	32	02.9	31	48.9	31	35.2	31	21.8	31	08.8	30	56.1	30	43.9	30	32.2	30	20.9	30	10.0	29	59.4	29	49.2
128	32	23.1	32	13.9	31	59.6	31	45.6	31	31.9	31	18.5	31	05.5	30	52.8	30	40.6	30	28.9	30	17.6	30	06.7	29	56.2	29	46.0
129	32	19.7	32	10.5	31	56.2	31	42.2	31	28.5	31	15.1	31	02.1	30	49.4	30	37.2	30	25.5	30	14.2	30	03.4	29	52.8	29	42.6
130	32	16.3	32	07.1	31	52.9	31	38.9	31	25.2	31	11.8	30	58.7	30	46.1	30	34.0	30	22.3	30	11.0	30	00.2	29	49.6	29	39.5
131	32	12.8	32	03.6	31	49.4	31	35.4	31	21.7	31	08.2	30	55.2	30	42.6	30	30.5	30	18.8	30	07.5	29	56.6	29	46.1	29	36.0
132	32	09.2	32	00.0	31	45.8	31	31.8	31	18.1	31	04.6	30	51.6	30	39.0	30	26.9	30	15.2	30	03.9	29	53.0	29	42.5	29	32.4
133	32	05.6	31	56.4	31	42.2	31	28.1	31	14.5	31	01.0	30	48.0	30	35.4	30	23.3	30	11.6	30	00.3	29	49.4	29	38.9	29	28.8
134	32	02.0	31	52.8	31	38.6	31	24.5	31	10.9	30	57.4	30	44.4	30	31.8	30	19.7	30	08.0	29	56.7	29	45.8	29	35.3	29	25.2
135	31	58.3	31	49.1	31	34.9	31	20.8	31	07.2	30	53.7	30	40.7	30	28.1	30	16.0	30	04.3	29	53.0	29	42.1	29	31.6	29	21.5
136	31	54.6	31	45.4	31	31.2	31	17.2	31	03.5	30	50.0	30	37.0	30	24.4	30	12.3	30	00.6	29	49.3	29	38.4	29	27.9	29	17.8
137	31	50.9	31	41.7	31	27.5	31	13.5	30	59.8	30	46.3	30	33.3	30	20.7	30	08.6	29	56.9	29	45.6	29	34.8	29	24.2	29	14.1
138	31	47.2	31	38.0	31	23.8	31	09.8	30	56.1	30	42.7	30	29.7	30	17.0	30	04.9	29	53.2	29	41.9	29	31.1	29	20.6	29	10.5
139	31	43.4	31	34.2	31	20.0	31	06.0	30	52.3	30	38.9	30	25.9	30	13.3	30	01.2	29	49.5	29	38.1	29	27.3	29	16.8	29	06.7
140	31	39.5	31	30.3	31	16.1	31	02.1	30	48.4	30	35.0	30	22.0	30	09.4	29	57.3	29	45.6	29	34.3	29	23.5	29	13.0	29	02.9
141	31	35.6	31	26.4	31	12.2	30	58.2	30	44.5	30	31.1	30	18.1	30	05.5	29	53.4	29	41.7	29	30.4	29	19.6	29	09.1	28	59.0
142	31	31.6	31	22.4	31	08.2	30	54.3	30	40.6	30	27.2	30	14.2	30	01.6	29	49.5	29	37.8	29	26.5	29	15.7	29	05.2	28	55.1
143	31	27.6	31	18.4	31	04.2	30	50.3	30	36.6	30	23.2	30	10.2	29	57.6	29	45.5	29	33.9	29	22.6	29	11.8	29	01.3	28	51.2
144	31	23.6	31	14.4	31	00.3	30	46.3	30	32.6	30	19.3	30	06.3	29	53.7	29	41.6	29	30.0	29	18.7	29	07.9	28	57.5	28	47.4
145	31	19.5	31	10.4	30	56.2	30	42.3	30	28.6	30	15.3	30	02.3	29	49.7	29	37.6	29	26.0	29	14.8	29	04.0	28	53.5	28	43.5
146	31	15.2	31	06.1	30	51.9	30	38.0	30	24.3	30	11.0	29	58.0	29	45.4	29	33.4	29	21.8	29	10.6	28	59.8	28	49.4	28	39.4

BRANCH DF

	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
0	35	21.0	35	11.8	34	57.4	34	43.3	34	29.4	34	15.8	34	02.7	33	49.6
1	35	20.9	35	11.8	34	57.4	34	43.3	34	29.3	34	15.7	34	02.6	33	49.7
2	35	20.9	35	11.7	34	57.3	34	43.2	34	29.3	34	15.7	34	02.6	33	49.7
3	35	20.8	35	11.7	34	57.3	34	43.2	34	29.2	34	15.6	34	02.6	33	49.6
4	35	20.7	35	11.6	34	57.2	34	43.1	34	29.1	34	15.5	34	02.5	33	49.5
5	35	20.6	35	11.5	34	57.1	34	43.0	34	29.0	34	15.4	34	02.4	33	49.4
6	35	20.5	35	11.4	34	57.0	34	42.9	34	28.8	34	15.2	34	02.3	33	49.3
7	35	20.4	35	11.3	34	56.9	34	42.8	34	28.7	34	15.1	34	02.2	33	49.1
8	35	20.3	35	11.1	34	56.8	34	42.7	34	28.5	34	14.9	34	02.1	33	48.9
9	35	20.1	35	11.0	34	56.6	34	42.5	34	28.4	34	14.8	34	01.9	33	48.8
10	35	20.0	35	10.8	34	56.4	34	42.3	34	28.2	34	14.6	34	01.7	33	48.6
11	35	19.8	35	10.6	34	56.2	34	42.1	34	28.0	34	14.4	34	01.5	33	48.4

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
12	35	19.5	35	10.4	34	56.0	34	41.9	34	27.7	34	14.1	34	01.3	33	48.1	33	35.8	33	24.4	33	13.1	33	02.1	32	51.4	32	40.6
13	35	19.3	35	10.2	34	55.8	34	41.7	34	27.5	34	13.9	34	01.1	33	47.9	33	35.5	33	24.1	33	12.8	33	01.8	32	51.1	32	40.3
14	35	19.0	35	09.9	34	55.5	34	41.4	34	27.2	34	13.6	34	00.8	33	47.6	33	35.2	33	23.9	33	12.5	33	01.5	32	50.9	32	40.1
15	35	18.8	35	09.6	34	55.3	34	41.2	34	26.9	34	13.3	34	00.6	33	47.3	33	35.0	33	23.6	33	12.3	33	01.3	32	50.6	32	39.8
16	35	18.5	35	09.3	34	55.0	34	40.9	34	26.6	34	13.0	34	00.3	33	47.0	33	34.6	33	23.3	33	12.0	33	01.0	32	50.3	32	39.5
17	35	18.1	35	09.0	34	54.6	34	40.5	34	26.2	34	12.6	33	59.9	33	46.6	33	34.3	33	23.0	33	11.7	33	00.7	32	50.0	32	39.1
18	35	17.8	35	08.6	34	54.3	34	40.2	34	25.9	34	12.3	33	59.6	33	46.3	33	33.9	33	22.7	33	11.4	33	00.4	32	49.7	32	38.8
19	35	17.4	35	08.2	34	53.9	34	39.8	34	25.5	34	11.9	33	59.2	33	45.9	33	33.5	33	22.3	33	11.0	33	00.0	32	49.3	32	38.4
20	35	17.0	35	07.8	34	53.5	34	39.4	34	25.0	34	11.4	33	58.8	33	45.4	33	33.1	33	21.9	33	10.6	33	59.6	32	48.9	32	38.0
21	35	16.5	35	07.3	34	53.0	34	38.9	34	24.5	34	10.9	33	58.3	33	44.9	33	32.6	33	21.4	33	10.1	32	59.1	32	48.4	32	37.5
22	35	15.9	35	06.8	34	52.5	34	38.4	34	24.0	34	10.4	33	57.8	33	44.4	33	32.1	33	20.9	33	09.6	32	58.6	32	47.9	32	36.9
23	35	15.4	35	06.2	34	51.9	34	37.8	34	23.5	34	09.9	33	57.2	33	43.9	33	31.5	33	20.3	33	09.0	32	58.0	32	47.3	32	36.4
24	35	14.8	35	05.6	34	51.3	34	37.2	34	22.9	34	09.3	33	56.6	33	43.3	33	30.9	33	19.7	33	08.4	32	57.4	32	46.7	32	35.8
25	35	14.2	35	05.1	34	50.7	34	36.6	34	22.3	34	08.7	33	56.0	33	42.7	33	30.4	33	19.2	33	07.9	32	56.3	32	46.2	32	35.2
26	35	13.6	35	04.4	34	50.1	34	36.0	34	21.7	34	08.1	33	55.4	33	42.1	33	29.7	33	18.5	33	07.2	32	56.2	32	45.5	32	34.6
27	35	12.9	35	03.8	34	49.5	34	35.4	34	21.0	34	07.4	33	54.8	33	41.4	33	29.1	33	17.9	33	06.6	32	56.1	32	44.9	32	34.0
28	35	12.3	35	03.1	34	48.8	34	34.7	34	20.4	34	06.8	33	54.1	33	40.8	33	28.5	33	17.3	33	06.0	32	55.0	32	44.3	32	33.3
29	35	11.6	35	02.4	34	48.2	34	34.1	34	19.7	34	06.1	33	53.5	33	40.1	33	27.8	33	16.6	33	05.3	32	54.3	32	43.6	32	32.6
30	35	11.0	35	01.8	34	47.5	34	33.4	34	19.1	34	05.5	33	52.8	33	39.5	33	27.1	33	15.9	33	04.6	32	53.6	32	42.9	32	32.0
31	35	10.3	35	01.2	34	46.9	34	32.8	34	18.4	34	04.8	33	52.2	33	38.8	33	26.5	33	15.3	33	04.0	32	53.0	32	42.3	32	31.3
32	35	09.7	35	00.5	34	46.2	34	32.1	34	17.8	34	04.2	33	51.5	33	38.2	33	25.9	33	14.6	33	03.3	32	52.3	32	41.6	32	30.7
33	35	09.0	34	59.9	34	45.5	34	31.4	34	17.1	34	03.5	33	50.8	33	37.5	33	25.2	33	14.0	33	02.7	32	51.7	32	41.0	32	30.0
34	35	08.3	34	59.2	34	44.9	34	30.8	34	16.5	34	02.9	33	50.2	33	36.9	33	24.5	33	13.3	33	02.0	32	51.0	32	40.3	32	29.4
35	35	07.6	34	58.5	34	44.2	34	30.1	34	15.8	34	02.2	33	49.5	33	36.2	33	23.9	33	12.6	33	01.3	32	50.3	32	39.6	32	28.7
36	35	06.9	34	57.8	34	43.5	34	29.4	34	15.1	34	01.5	33	48.8	33	35.5	33	23.2	33	11.9	33	00.6	32	49.6	32	38.9	32	28.0
37	35	06.2	34	57.1	34	42.8	34	28.7	34	14.4	34	00.8	33	48.1	33	34.8	33	22.5	33	11.2	33	59.9	32	48.9	32	38.2	32	27.3
38	35	05.5	34	56.3	34	42.0	34	27.9	34	13.6	34	00.0	33	47.3	33	34.0	33	21.7	33	10.4	33	58.4	32	48.1	32	37.4	32	26.5
39	35	04.7	34	55.6	34	41.3	34	27.2	34	12.9	34	59.3	33	46.6	33	33.3	33	21.0	33	09.7	33	57.6	32	47.4	32	36.7	32	25.8
40	35	04.0	34	54.8	34	40.5	34	26.4	34	12.1	34	58.5	33	45.8	33	32.5	33	20.2	33	08.9	33	56.4	32	46.6	32	35.9	32	25.0
41	35	03.1	34	54.0	34	39.7	34	25.6	34	11.3	34	57.7	33	45.0	33	31.7	33	19.4	33	08.1	33	56.8	32	45.8	32	35.1	32	24.2
42	35	02.3	34	53.2	34	38.9	34	24.8	34	10.5	34	56.9	33	44.2	33	30.9	33	18.6	33	07.2	33	55.9	32	44.9	32	34.2	32	23.4
43	35	01.5	34	52.3	34	38.0	34	23.9	34	09.7	34	56.1	33	43.4	33	30.1	33	17.7	33	06.4	33	55.1	32	44.1	32	33.4	32	22.5
44	35	00.6	34	51.4	34	37.1	34	23.0	34	08.8	34	55.2	33	42.4	33	28.3	33	16.9	33	05.5	33	54.2	32	43.2	32	32.5	32	21.7
45	34	59.7	34	50.6	34	36.3	34	22.2	34	07.9	34	54.3	33	41.6	33	28.3	33	16.0	33	04.6	33	53.3	32	42.3	32	31.8	32	20.8
46	34	58.8	34	49.6	34	35.3	34	21.2	34	07.0	34	53.4	33	40.6	33	27.4	33	15.1	33	03.7	33	52.4	32	41.4	32	30.7	32	19.9
47	34	57.9	34	48.7	34	34.4	34	20.3	34	06.1	34	52.5	33	39.7	33	26.5	33	14.2	33	02.8	33	51.5	32	40.5	32	29.8	32	18.9
48	34	56.9	34	47.8	34	33.5	34	19.4	34	05.1	34	51.5	33	38.8	33	25.5	33	13.2	33	01.8	33	50.5	32	39.5	32	28.8	32	18.0
49	34	55.9	34	46.8	34	32.5	34	18.4	34	04.2	34	50.6	33	37.8	33	24.6	33	12.3	33	00.8	33	49.5	32	38.5	32	27.8	32	17.0
50	34	55.0	34	45.8	34	31.5	34	17.4	34	03.2	34	49.6	33	36.8	33	23.6	33	11.3	33	59.8	32	49.5	32	37.5	32	26.8	32	16.0
51	34	54.0	34	44.8	34	30.5	34	16.4	34	02.2	34	48.6	33	35.8	33	22.6	33	10.3	33	58.8	32	47.5	32	36.5	32	25.8	32	15.1

Δ	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
52	m 34 52.9	m 34 43.8	m 34 29.5	m 34 15.4	m 34 01.2	m 33 47.6	m 33 34.8	m 33 21.6	m 33 09.3	m 32 57.8	m 32 46.5	m 32 35.5	m 32 24.8	m 32 14.1
53	m 34 51.9	m 34 42.8	m 34 28.5	m 34 14.4	m 34 00.2	m 33 46.6	m 33 33.9	m 33 20.6	m 33 08.3	m 32 56.8	m 32 45.5	m 32 34.5	m 32 23.8	m 32 13.0
54	m 34 50.8	m 34 41.7	m 34 27.4	m 34 13.3	m 33 59.2	m 33 45.6	m 33 32.7	m 33 19.6	m 33 07.3	m 32 55.7	m 32 44.4	m 32 33.4	m 32 22.7	m 32 12.0
55	m 34 49.8	m 34 40.6	m 34 26.3	m 34 12.2	m 33 58.2	m 33 44.6	m 33 31.6	m 33 18.6	m 33 06.3	m 32 54.6	m 32 43.3	m 32 32.3	m 32 21.6	m 32 10.9
56	m 34 48.7	m 34 39.5	m 34 25.2	m 34 11.1	m 33 57.1	m 33 43.5	m 33 30.5	m 33 17.5	m 33 05.2	m 32 53.5	m 32 42.2	m 32 31.2	m 32 20.5	m 32 09.8
57	m 34 47.5	m 34 38.4	m 34 24.1	m 34 10.0	m 33 56.0	m 33 42.4	m 33 29.4	m 33 16.4	m 33 04.1	m 32 52.3	m 32 41.0	m 32 30.0	m 32 19.3	m 32 08.6
58	m 34 46.4	m 34 37.2	m 34 22.9	m 34 08.8	m 33 54.8	m 33 41.2	m 33 28.2	m 33 15.2	m 33 02.9	m 32 51.1	m 32 39.8	m 32 28.8	m 32 18.1	m 32 07.6
59	m 34 45.2	m 34 36.0	m 34 21.7	m 34 07.6	m 33 53.7	m 33 40.1	m 33 27.0	m 33 14.1	m 33 01.8	m 32 49.9	m 32 38.6	m 32 27.6	m 32 16.9	m 32 06.4
60	m 34 44.0	m 34 34.8	m 34 20.5	m 34 06.4	m 33 52.5	m 33 38.9	m 33 25.8	m 33 12.9	m 33 00.6	m 32 48.7	m 32 37.4	m 32 26.4	m 32 15.7	m 32 05.2
61	m 34 42.6	m 34 33.5	m 34 19.2	m 34 05.1	m 33 51.2	m 33 37.6	m 33 24.5	m 33 11.6	m 32 59.3	m 32 47.4	m 32 36.1	m 32 25.1	m 32 14.4	m 32 03.9
62	m 34 41.3	m 34 32.1	m 34 17.8	m 34 03.7	m 33 49.9	m 33 36.3	m 33 23.1	m 33 10.3	m 32 58.0	m 32 46.0	m 32 34.7	m 32 23.7	m 32 13.0	m 32 02.6
63	m 34 39.9	m 34 30.8	m 34 16.5	m 34 02.4	m 33 48.5	m 33 34.9	m 33 21.8	m 33 08.9	m 32 56.6	m 32 44.7	m 32 33.4	m 32 22.4	m 32 11.7	m 32 01.2
64	m 34 38.5	m 34 29.4	m 34 15.1	m 34 01.0	m 33 47.2	m 33 33.6	m 33 20.4	m 33 07.6	m 32 55.3	m 32 43.3	m 32 32.0	m 32 21.0	m 32 10.3	m 31 59.9
65	m 34 37.1	m 34 28.0	m 34 13.7	m 33 59.6	m 33 45.8	m 33 32.2	m 33 19.0	m 33 06.2	m 32 53.9	m 32 41.9	m 32 30.6	m 32 19.6	m 32 08.9	m 31 58.5
66	m 34 35.7	m 34 26.6	m 34 12.3	m 33 58.2	m 33 44.4	m 33 30.8	m 33 17.6	m 33 04.8	m 32 52.4	m 32 40.5	m 32 29.2	m 32 18.2	m 32 07.5	m 31 57.1
67	m 34 34.3	m 34 25.1	m 34 10.8	m 33 56.7	m 33 42.9	m 33 29.3	m 33 16.1	m 33 03.3	m 32 51.0	m 32 39.0	m 32 27.7	m 32 16.7	m 32 06.0	m 31 55.5
68	m 34 32.8	m 34 23.7	m 34 09.4	m 33 55.3	m 33 41.5	m 33 27.9	m 33 14.7	m 33 01.9	m 32 49.6	m 32 37.6	m 32 26.3	m 32 15.3	m 32 04.6	m 31 54.2
69	m 34 31.4	m 34 22.2	m 34 07.9	m 33 53.8	m 33 40.1	m 33 26.5	m 33 13.2	m 33 00.5	m 32 48.1	m 32 36.2	m 32 24.9	m 32 13.9	m 32 03.2	m 31 52.8
70	m 34 30.0	m 34 20.8	m 34 06.5	m 33 52.4	m 33 38.6	m 33 25.0	m 33 11.8	m 32 59.0	m 32 46.7	m 32 34.7	m 32 23.4	m 32 12.4	m 32 01.7	m 31 51.3
71	m 34 28.5	m 34 19.4	m 34 05.1	m 33 51.0	m 33 37.3	m 33 23.7	m 33 10.4	m 32 57.3	m 32 45.3	m 32 33.4	m 32 22.1	m 32 11.0	m 32 00.3	m 31 50.0
72	m 34 27.2	m 34 18.1	m 34 03.8	m 33 49.7	m 33 35.9	m 33 22.3	m 33 09.1	m 32 56.3	m 32 44.0	m 32 32.0	m 32 20.7	m 32 09.7	m 31 59.0	m 31 48.6
73	m 34 25.8	m 34 16.7	m 34 02.4	m 33 48.3	m 33 34.5	m 33 20.9	m 33 07.7	m 32 54.9	m 32 42.6	m 32 30.6	m 32 19.3	m 32 08.3	m 31 57.6	m 31 47.2
74	m 34 24.5	m 34 15.3	m 34 01.0	m 33 46.9	m 33 33.1	m 33 19.5	m 33 06.3	m 32 53.5	m 32 41.2	m 32 29.2	m 32 17.9	m 32 06.9	m 31 56.2	m 31 45.8
75	m 34 23.1	m 34 13.9	m 33 59.6	m 33 45.5	m 33 31.7	m 33 18.1	m 33 04.9	m 32 52.1	m 32 39.8	m 32 27.8	m 32 16.5	m 32 05.5	m 31 54.8	m 31 44.4
76	m 34 21.7	m 34 12.5	m 33 58.2	m 33 44.1	m 33 30.3	m 33 16.7	m 33 03.5	m 32 50.7	m 32 38.4	m 32 26.4	m 32 15.1	m 32 04.1	m 31 53.4	m 31 43.0
77	m 34 20.3	m 34 11.1	m 33 56.8	m 33 42.7	m 33 28.9	m 33 15.3	m 33 02.1	m 32 49.3	m 32 37.0	m 32 25.0	m 32 13.7	m 32 02.7	m 31 52.0	m 31 41.6
78	m 34 18.8	m 34 09.7	m 33 55.4	m 33 41.3	m 33 27.5	m 33 13.9	m 33 00.7	m 32 47.9	m 32 35.6	m 32 23.6	m 32 12.3	m 32 01.3	m 31 50.6	m 31 40.2
79	m 34 17.4	m 34 08.3	m 33 54.0	m 33 39.9	m 33 26.1	m 33 12.5	m 32 59.3	m 32 46.5	m 32 34.2	m 32 22.2	m 32 10.9	m 31 59.9	m 31 49.2	m 31 38.8
80	m 34 16.0	m 34 06.8	m 33 52.5	m 33 38.4	m 33 24.6	m 33 11.0	m 32 57.8	m 32 45.0	m 32 32.7	m 32 20.7	m 32 09.4	m 31 58.4	m 31 47.7	m 31 37.3
81	m 34 14.4	m 34 05.3	m 33 51.0	m 33 36.9	m 33 23.1	m 33 09.5	m 32 56.3	m 32 43.5	m 32 31.2	m 32 19.2	m 32 07.9	m 31 56.9	m 31 46.2	m 31 35.8
82	m 34 12.9	m 34 03.7	m 33 49.4	m 33 35.3	m 33 21.5	m 33 07.9	m 32 54.7	m 32 41.9	m 32 29.6	m 32 17.7	m 32 06.4	m 31 55.4	m 31 44.6	m 31 34.2
83	m 34 11.3	m 34 02.2	m 33 47.9	m 33 33.8	m 33 20.0	m 33 06.4	m 32 53.2	m 32 40.4	m 32 28.1	m 32 16.1	m 32 04.8	m 31 53.8	m 31 43.1	m 31 32.7
84	m 34 09.7	m 34 00.6	m 33 46.3	m 33 32.2	m 33 18.4	m 33 04.8	m 32 51.6	m 32 38.8	m 32 26.5	m 32 14.5	m 32 03.2	m 31 52.0	m 31 41.5	m 31 31.1
85	m 34 08.1	m 33 59.0	m 33 44.7	m 33 30.6	m 33 16.8	m 33 03.2	m 32 50.0	m 32 37.2	m 32 24.9	m 32 12.9	m 32 01.6	m 31 50.7	m 31 39.9	m 31 29.5
86	m 34 06.5	m 33 57.4	m 33 43.1	m 33 29.0	m 33 15.2	m 33 01.6	m 32 48.4	m 32 35.6	m 32 23.3	m 32 11.3	m 32 00.0	m 31 49.1	m 31 38.4	m 31 27.9
87	m 34 04.9	m 33 55.8	m 33 41.5	m 33 27.4	m 33 13.5	m 33 00.0	m 32 46.8	m 32 34.0	m 32 21.7	m 32 09.7	m 31 58.4	m 31 47.5	m 31 36.8	m 31 26.3
88	m 34 03.3	m 33 54.1	m 33 39.8	m 33 25.7	m 33 11.9	m 32 58.3	m 32 45.1	m 32 32.3	m 32 20.1	m 32 08.1	m 31 56.8	m 31 45.9	m 31 35.1	m 31 24.7
89	m 34 01.6	m 33 52.5	m 33 38.2	m 33 24.1	m 33 10.3	m 32 56.7	m 32 43.5	m 32 30.7	m 32 18.4	m 32 06.5	m 31 55.2	m 31 44.2	m 31 33.5	m 31 23.1
90	m 34 00.0	m 33 50.8	m 33 36.5	m 33 22.4	m 33 08.6	m 32 55.0	m 32 41.8	m 32 29.0	m 32 16.8	m 32 04.9	m 31 53.6	m 31 42.6	m 31 31.9	m 31 21.5
91	m 33 58.3	m 33 49.1	m 33 34.9	m 33 20.8	m 33 07.0	m 32 53.4	m 32 40.2	m 32 27.4	m 32 15.2	m 32 03.3	m 31 52.0	m 31 41.0	m 31 30.3	m 31 19.9

$\Delta$ Depth  $h =$ 

Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
m	m	m	m	m	m	m	m	m	m	m	m	m	m
s	s	s	s	s	s	s	s	s	s	s	s	s	s
33 56.6	33 47.5	33 33.2	33 19.1	33 05.3	32 51.8	32 38.6	32 25.8	32 13.6	32 01.7	31 50.4	31 39.4	31 28.7	31 16.3
33 55.0	33 45.8	33 31.5	33 17.4	33 03.7	32 50.1	32 37.0	32 24.2	32 11.9	32 00.1	31 48.8	31 37.8	31 27.1	31 16.7
33 53.3	33 44.1	33 29.8	33 15.8	33 02.0	32 48.5	32 35.3	32 22.5	32 10.3	31 58.5	31 47.2	31 36.2	31 25.6	31 15.2
33 51.6	33 42.4	33 28.1	33 14.1	33 00.6	32 46.8	32 33.7	32 20.9	32 08.6	31 56.8	31 45.5	31 34.6	31 23.9	31 13.6
33 49.9	33 40.7	33 26.4	33 12.4	32 58.3	32 45.2	32 32.0	32 19.2	32 07.0	31 55.2	31 43.9	31 33.0	31 22.3	31 12.0
33 48.2	33 39.0	33 24.7	33 10.7	32 56.9	32 43.5	32 30.4	32 17.5	32 05.3	31 53.6	31 42.3	31 31.4	31 20.7	31 10.4
33 46.4	33 37.3	33 23.0	33 09.0	32 55.2	32 41.8	32 28.7	32 15.9	32 03.7	31 51.9	31 40.6	31 29.7	31 19.1	31 08.7
33 44.7	33 35.5	33 21.3	33 07.2	32 53.5	32 40.1	32 27.0	32 14.2	32 02.0	31 50.2	31 38.9	31 28.0	31 17.4	31 07.1
33 43.0	33 33.8	33 19.5	33 05.5	32 51.8	32 38.4	32 25.3	32 12.5	32 00.3	31 48.6	31 37.3	31 26.4	31 15.8	31 05.4
33 41.2	33 32.0	33 17.8	33 03.7	32 50.1	32 36.7	32 23.5	32 10.7	31 58.5	31 46.8	31 35.5	31 24.6	31 14.0	31 03.7
33 39.4	33 30.3	33 16.0	33 02.0	32 48.3	32 34.9	32 21.8	32 09.0	31 56.8	31 45.1	31 33.8	31 22.9	31 12.3	31 02.0
33 37.7	33 28.5	33 14.2	33 00.2	32 46.5	32 33.1	32 20.0	32 07.2	31 55.1	31 43.4	31 32.1	31 21.1	31 10.6	31 00.3
33 35.9	33 26.7	33 12.4	32 58.4	32 44.7	32 31.3	32 18.3	32 05.5	31 53.3	31 41.6	31 30.3	31 19.4	31 08.8	30 58.6
33 34.1	33 24.9	33 10.6	32 56.6	32 42.9	32 29.5	32 16.5	32 03.7	31 51.5	31 39.8	31 28.5	31 17.6	31 07.1	30 56.8
33 32.3	33 23.1	33 08.8	32 54.8	32 41.1	32 27.7	32 14.7	32 01.9	31 49.9	31 38.0	31 26.7	31 15.8	31 05.2	30 55.0
33 30.5	33 21.3	33 07.0	32 53.0	32 39.3	32 25.9	32 12.9	32 00.1	31 47.9	31 36.2	31 24.9	31 14.0	31 03.5	30 53.3
33 28.6	33 19.5	33 05.2	32 51.2	32 37.5	32 24.1	32 11.1	31 58.3	31 46.1	31 34.4	31 23.1	31 12.2	31 01.7	30 51.5
33 26.8	33 17.6	33 03.3	32 49.3	32 35.6	32 22.2	32 09.2	31 56.5	31 44.3	31 32.6	31 21.3	31 10.4	30 59.9	30 49.7
33 25.0	33 15.8	33 01.5	32 47.5	32 33.8	32 20.4	32 07.4	31 54.7	31 42.5	31 30.8	31 19.5	31 08.6	30 58.1	30 47.9
33 23.1	33 13.9	32 59.6	32 45.6	32 31.9	32 18.6	32 05.6	31 52.9	31 40.7	31 29.0	31 17.7	31 06.8	30 56.3	30 46.1
33 21.2	33 12.1	32 57.8	32 43.8	32 30.1	32 16.7	32 03.7	31 51.0	31 38.8	31 27.2	31 15.9	31 05.0	30 54.5	30 44.3
33 19.3	33 10.2	32 55.9	32 41.9	32 28.2	32 14.8	32 01.8	31 49.2	31 37.0	31 25.3	31 14.0	31 03.2	30 52.7	30 42.5
33 17.4	33 08.3	32 54.0	32 40.1	32 26.4	32 13.0	32 00.0	31 47.3	31 35.2	31 23.5	31 12.2	31 01.4	30 50.9	30 40.7
33 15.5	33 06.4	32 52.1	32 38.2	32 24.5	32 11.1	31 58.1	31 45.5	31 33.3	31 21.7	31 10.4	30 59.5	30 49.1	30 38.9
33 13.6	33 04.5	32 50.3	32 36.3	32 22.6	32 09.2	31 56.2	31 43.6	31 31.5	31 19.8	31 08.5	30 57.7	30 47.2	30 37.1
33 11.7	33 02.6	32 48.4	32 34.4	32 20.7	32 07.5	31 54.4	31 41.7	31 29.6	31 17.9	31 06.7	30 55.9	30 45.4	30 35.3
33 09.8	33 00.7	32 46.5	32 32.5	32 18.8	32 05.5	31 52.5	31 39.9	31 27.7	31 16.1	31 04.8	30 54.0	30 43.6	30 33.5
33 07.9	32 58.8	32 44.6	32 30.6	32 16.9	32 03.6	31 50.6	31 38.0	31 25.9	31 14.2	31 03.0	30 52.2	30 41.7	30 31.6
33 06.0	32 56.9	32 42.7	32 28.7	32 15.0	32 01.7	31 48.7	31 36.1	31 24.0	31 12.3	31 01.1	30 50.3	30 39.9	30 29.8
33 04.1	32 55.0	32 40.8	32 26.8	32 13.1	31 59.8	31 46.8	31 34.2	31 22.1	31 10.5	30 59.2	30 48.4	30 38.0	30 27.9
33 02.2	32 53.1	32 38.9	32 24.9	32 11.2	31 57.9	31 44.9	31 32.3	31 20.2	31 08.6	30 57.3	30 46.5	30 36.1	30 26.0
33 00.3	32 51.2	32 37.0	32 23.0	32 09.3	31 56.0	31 43.0	31 30.4	31 18.3	31 06.7	30 55.4	30 44.7	30 34.2	30 24.1
32 58.4	32 49.3	32 35.1	32 21.1	32 07.4	31 54.1	31 41.1	31 28.5	31 16.4	31 04.8	30 53.5	30 42.8	30 32.3	30 22.2
32 56.5	32 47.4	32 33.2	32 19.2	32 05.5	31 52.2	31 39.2	31 26.6	31 14.5	31 02.9	30 51.6	30 40.9	30 30.4	30 20.3
32 54.6	32 45.5	32 31.3	32 17.3	32 03.6	31 50.3	31 37.3	31 24.7	31 12.6	31 01.0	30 49.7	30 38.9	30 28.5	30 18.4
32 52.7	32 43.6	32 29.4	32 15.4	32 01.7	31 48.4	31 35.4	31 22.8	31 10.7	30 59.1	30 47.8	30 37.0	30 26.6	30 16.5
32 50.8	32 41.7	32 27.5	32 13.5	31 59.8	31 46.5	31 33.5	31 20.9	31 08.8	30 57.2	30 45.9	30 35.1	30 24.7	30 14.6
32 48.9	32 39.8	32 25.6	32 11.6	31 57.9	31 44.6	31 31.6	31 19.0	31 06.9	30 55.3	30 44.0	30 33.2	30 22.8	30 12.7
32 47.0	32 37.9	32 23.7	32 09.7	31 56.0	31 42.7	31 29.7	31 17.1	31 05.0	30 53.3	30 42.1	30 31.3	30 20.9	30 10.8
32 45.1	32 36.0	32 21.8	32 07.8	31 54.1	31 40.8	31 27.8	31 15.2	31 03.1	30 51.5	30 40.2	30 29.4	30 19.0	30 08.9

Depth  $h =$

Δ	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
132	32 43.2	32 34.1	32 19.9	32 06.0	31 52.3	31 38.9	31 25.9	31 13.3	31 01.2	30 49.6	30 38.3	30 27.5	30 17.1	30 07.0
133	32 41.3	32 32.2	32 18.0	32 04.1	31 50.4	31 37.0	31 24.0	31 11.4	30 59.3	30 47.7	30 36.4	30 25.6	30 15.2	30 05.1
134	32 39.4	32 30.3	32 16.1	32 02.2	31 48.5	31 35.1	31 22.1	31 09.5	30 57.4	30 45.8	30 34.5	30 23.8	30 13.3	30 03.2
135	32 37.5	32 28.4	32 14.2	32 00.3	31 46.6	31 33.2	31 20.2	31 07.6	30 55.5	30 43.9	30 32.7	30 21.9	30 11.4	30 01.3
136	32 35.6	32 26.5	32 12.3	31 58.4	31 44.7	31 31.3	31 18.3	31 05.7	30 53.6	30 42.0	30 30.8	30 20.0	30 09.5	29 59.4
137	32 33.7	32 24.6	32 10.4	31 56.5	31 42.8	31 29.4	31 16.4	31 03.8	30 51.7	30 40.1	30 28.8	30 18.1	30 07.6	29 57.5
138	32 31.8	32 22.7	32 08.5	31 54.6	31 40.9	31 27.5	31 14.5	31 01.9	30 49.8	30 38.2	30 26.9	30 16.1	30 05.7	29 55.6
139	32 29.9	32 20.8	32 06.6	31 52.6	31 38.9	31 25.6	31 12.6	31 00.0	30 47.9	30 36.3	30 25.0	30 14.2	30 03.8	29 53.7
140	32 28.0	32 18.9	32 04.7	31 50.7	31 37.0	31 23.7	31 10.7	30 58.1	30 46.0	30 34.4	30 23.1	30 12.3	30 01.9	29 51.8
141	32 26.0	32 16.9	32 02.7	31 48.7	31 35.0	31 21.7	31 08.7	30 56.1	30 44.0	30 32.4	30 21.1	30 10.3	29 59.9	29 49.8
142	32 24.0	32 14.9	32 00.7	31 46.7	31 33.0	31 19.7	31 06.7	30 54.1	30 42.0	30 30.4	30 19.1	30 08.3	29 57.9	29 47.8
143	32 22.0	32 12.9	31 58.7	31 44.7	31 31.0	31 17.7	31 04.7	30 52.1	30 40.0	30 28.4	30 17.1	30 06.3	29 55.9	29 45.8
144	32 20.0	32 10.9	31 56.7	31 42.7	31 29.0	31 15.7	31 02.7	30 50.1	30 38.0	30 26.3	30 15.1	30 04.3	29 53.9	29 43.8
145	32 18.0	32 08.9	31 54.7	31 40.7	31 27.0	31 13.7	31 00.7	30 48.1	30 36.0	30 24.3	30 13.1	30 02.3	29 51.9	29 41.8
146	32 15.9	32 06.9	31 52.7	31 38.7	31 25.0	31 11.7	30 58.7	30 46.1	30 34.0	30 22.3	30 11.1	30 00.3	29 49.9	29 39.8
147	32 13.9	32 04.8	31 50.6	31 36.7	31 23.0	31 09.7	30 56.7	30 44.1	30 32.0	30 20.3	30 09.1	29 58.3	29 47.8	29 37.7
148	32 11.9	32 02.8	31 48.6	31 34.7	31 21.0	31 07.7	30 54.7	30 42.1	30 30.0	30 18.3	30 07.1	29 56.3	29 45.8	29 35.7
149	32 09.9	32 00.8	31 46.6	31 32.7	31 19.0	31 05.7	30 52.7	30 40.1	30 28.0	30 16.3	30 05.1	29 54.3	29 43.8	29 33.7
150	32 08.0	31 58.9	31 44.7	31 30.7	31 17.0	31 03.7	30 50.7	30 38.1	30 26.0	30 14.3	30 03.1	29 52.3	29 41.9	29 31.8
151	32 06.0	31 57.0	31 42.8	31 28.8	31 15.1	31 01.8	30 48.8	30 36.2	30 24.1	30 12.4	30 01.2	29 50.4	29 39.9	29 29.8
152	32 04.1	31 55.1	31 40.9	31 26.9	31 13.2	30 59.9	30 46.9	30 34.3	30 22.2	30 10.5	29 59.3	29 48.5	29 38.0	29 27.9
153	32 02.2	31 53.1	31 38.9	31 25.0	31 11.3	30 58.0	30 45.0	30 32.4	30 20.2	30 08.6	29 57.3	29 46.5	29 36.1	29 26.0
154	32 00.4	31 51.3	31 37.1	31 23.1	31 09.4	30 56.1	30 43.1	30 30.5	30 18.3	30 06.7	29 55.4	29 44.6	29 34.2	29 24.1
155	31 58.5	31 49.4	31 35.2	31 21.2	31 07.5	30 54.2	30 41.2	30 28.6	30 16.4	30 04.8	29 53.5	29 42.7	29 32.3	29 22.2
156	31 56.6	31 47.5	31 33.3	31 19.3	31 05.6	30 52.3	30 39.3	30 26.7	30 14.6	30 02.9	29 51.6	29 40.9	29 30.4	29 20.3
157	31 54.7	31 45.6	31 31.4	31 17.4	31 03.7	30 50.4	30 37.4	30 24.8	30 12.7	30 01.0	29 49.7	29 39.0	29 28.5	29 18.4
158	31 52.8	31 43.7	31 29.5	31 15.5	31 01.8	30 48.5	30 35.5	30 22.9	30 10.8	29 59.1	29 47.9	29 37.1	29 26.6	29 16.5
159	31 50.9	31 41.8	31 27.6	31 13.6	30 59.9	30 46.6	30 33.6	30 21.0	30 08.9	29 57.2	29 46.0	29 35.2	29 24.7	29 14.6
160	31 49.0	31 39.9	31 25.7	31 11.7	30 58.0	30 44.7	30 31.7	30 19.1	30 07.0	29 55.3	29 44.1	29 33.3	29 22.9	29 12.8
161	31 47.0	31 37.9	31 23.7	31 09.8	30 56.1	30 42.8	30 29.8	30 17.2	30 05.1	29 53.4	29 42.2	29 31.4	29 21.0	29 10.9
162	31 45.1	31 36.0	31 21.8	31 07.9	30 54.2	30 40.9	30 27.9	30 15.3	30 03.2	29 51.6	29 40.3	29 29.5	29 19.1	29 09.0
163	31 43.1	31 34.0	31 19.9	31 05.9	30 52.3	30 38.9	30 25.9	30 13.3	30 01.3	29 49.7	29 38.4	29 27.6	29 17.2	29 07.1
164	31 41.1	31 32.0	31 17.9	31 04.0	30 50.3	30 37.0	30 24.0	30 11.4	29 59.3	29 47.8	29 36.5	29 25.7	29 15.3	29 05.3
165	31 39.1	31 30.0	31 15.9	31 02.0	30 48.3	30 35.0	30 22.0	30 09.4	29 57.4	29 45.9	29 34.6	29 23.8	29 13.4	29 03.4
166	31 37.1	31 28.0	31 13.9	31 00.0	30 46.4	30 33.0	30 20.1	30 07.5	29 55.5	29 44.0	29 32.7	29 21.9	29 11.5	29 01.5
167	31 35.0	31 26.0	31 11.9	30 58.0	30 44.4	30 31.0	30 18.1	30 05.5	29 53.5	29 42.0	29 30.8	29 20.0	29 09.6	28 59.6
168	31 33.0	31 23.9	31 09.8	30 55.9	30 42.4	30 29.0	30 16.1	30 03.5	29 51.5	29 40.1	29 28.9	29 18.1	29 07.7	28 57.7

Δ	Depth h =											
	Surface		0-00		0-01		0-02		0-03		0-04	
	m	s	m	s	m	s	m	s	m	s	m	s
90	23	43.0	23	34.0	23	20.3	23	06.9	22	53.7	22	40.8
91	23	50.3	23	41.4	23	27.7	23	14.3	23	01.1	22	48.2
92	23	57.7	23	48.7	23	35.0	23	21.6	23	08.5	22	55.6
93	24	05.1	23	56.1	23	42.5	23	29.1	23	15.9	23	03.0
94	24	12.5	24	03.6	23	49.9	23	36.5	23	23.3	23	10.4
95	24	20.0	24	11.0	23	57.3	23	43.9	23	30.7	23	17.8
96	24	27.4	24	18.4	24	04.7	23	51.4	23	38.2	23	25.3
97	24	34.8	24	25.9	24	12.2	23	58.8	23	45.6	23	32.7
98	24	42.2	24	33.3	24	19.6	24	06.2	23	53.0	23	40.1
99	24	49.6	24	40.6	24	27.0	24	13.5	24	00.4	23	47.5
100	24	57.0	24	48.0	24	34.3	24	20.9	24	07.8	23	54.9
101	25	04.2	24	55.2	24	41.5	24	28.1	24	15.0	24	02.1
102	25	11.4	25	02.4	24	48.1	24	35.3	24	22.2	24	09.3
103	25	18.5	25	09.6	24	55.9	24	42.5	24	29.3	24	16.4
104	25	25.7	25	16.8	25	03.1	24	49.7	24	36.5	24	23.6
105	25	33.0	25	24.0	25	10.3	25	56.9	24	43.7	24	30.8
106	25	40.2	25	31.3	25	17.6	25	04.2	24	51.0	24	38.1
107	25	47.5	25	38.6	25	24.9	25	11.5	24	58.3	24	45.4
108	25	54.9	25	46.0	25	32.3	25	18.9	25	05.7	24	52.8
109	26	02.4	25	53.4	25	39.7	25	26.3	25	13.1	25	00.2
110	26	10.0	26	01.0	25	47.3	25	33.9	25	20.7	25	07.8
111	26	17.2	26	08.2	25	54.5	25	41.1	25	27.9	25	15.0
112	26	24.4	26	15.5	26	01.8	25	48.4	25	35.2	25	22.3
113	26	31.6	26	22.7	26	09.0	25	55.5	25	42.3	25	29.4
114	26	38.8	26	29.8	26	16.1	26	02.7	25	49.5	25	36.6
115	26	46.0	26	37.0	26	23.3	26	09.9	25	56.7	25	43.8
116	26	53.1	26	44.2	26	30.5	26	17.0	26	03.8	25	50.9
117	27	00.3	26	51.3	26	37.6	26	24.2	26	11.0	25	58.1
118	27	07.5	26	58.5	26	44.8	26	31.4	26	18.2	26	05.3
119	27	14.7	27	05.8	26	52.0	26	38.6	26	25.4	26	12.5
120	27	22.0	27	13.0	26	59.3	26	45.8	26	32.6	26	19.7
121	27	29.2	27	20.2	27	06.5	26	53.0	26	39.8	26	26.9
122	27	36.4	27	27.4	27	13.7	27	00.2	26	47.0	26	34.1
123	27	43.6	27	34.6	27	20.9	27	07.4	26	54.2	26	41.3
124	27	50.8	27	41.8	27	28.1	27	14.6	27	01.4	26	48.4
125	27	58.0	27	49.0	27	35.3	27	21.8	27	08.5	26	55.6
126	28	05.2	27	56.2	27	42.5	27	29.0	27	15.7	27	02.4
127	28	12.4	28	03.4	27	49.6	27	36.2	27	22.9	27	10.0
128	28	19.6	28	10.6	27	56.8	27	43.4	27	30.1	27	17.2
129	28	26.8	28	17.8	28	04.0	27	50.6	27	37.3	27	24.4
130	28	34.0	28	25.0	28	11.2	27	57.8	27	44.5	27	31.6

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
131	28 41.0	28 32.0	28 14.3	28 04.8	27 51.5	27 38.6	27 25.1	27 14.0	27 02.4	26 51.2	26 40.6	26 30.4	26 20.6	26 11.1
132	28 48.0	28 39.1	28 25.3	28 11.8	27 58.5	27 45.6	27 33.1	27 21.0	27 09.4	26 58.2	26 47.6	26 37.4	26 27.6	26 18.1
133	28 55.0	28 46.1	28 32.3	28 18.8	28 05.5	27 52.6	27 40.1	27 28.0	27 16.4	27 05.1	26 54.5	26 44.3	26 34.5	26 25.0
134	29 02.0	28 53.0	28 39.2	28 25.7	28 12.4	27 59.5	27 47.0	27 34.9	27 23.3	27 12.1	27 01.5	26 51.3	26 41.5	26 31.9
135	29 09.0	29 00.0	28 46.2	28 32.7	28 19.4	28 06.5	27 54.0	27 41.9	27 30.2	27 19.0	27 08.4	26 58.2	26 48.4	26 38.8
136	29 15.9	29 07.0	28 53.2	28 39.7	28 26.3	28 13.4	28 00.9	27 48.8	27 37.2	27 25.9	27 15.3	27 05.1	26 55.3	26 45.7
137	29 22.9	29 13.9	29 00.1	28 46.6	28 33.3	28 20.4	28 07.9	27 55.8	27 44.1	27 32.9	27 22.2	27 12.0	27 02.2	26 52.6
138	29 29.9	29 20.9	29 07.1	28 53.6	28 40.3	28 27.4	28 14.9	28 02.7	27 51.1	27 39.8	27 29.2	27 19.0	27 09.1	26 59.6
139	29 36.9	29 28.0	29 14.1	29 00.5	28 47.3	28 34.4	28 21.9	28 09.7	27 58.1	27 46.8	27 36.2	27 25.9	27 16.1	27 06.5
140	29 44.0	29 35.0	29 21.2	29 07.7	28 54.3	28 41.4	28 28.9	28 16.8	28 05.1	27 53.8	27 43.2	27 32.9	27 23.1	27 13.5
141	29 51.0	29 42.0	29 28.2	29 14.7	29 01.3	28 48.4	28 35.9	28 23.8	28 12.1	28 00.8	27 50.2	27 39.9	27 30.1	27 20.5
142	29 58.0	29 49.1	29 35.2	29 21.7	29 08.3	28 55.4	28 42.9	28 30.3	28 19.1	28 07.8	27 57.1	27 46.9	27 37.0	27 27.4
143	30 05.0	29 56.1	29 42.2	29 28.7	29 15.3	29 02.4	28 49.9	28 37.8	28 26.1	28 14.7	28 04.1	27 53.8	27 44.0	27 34.4
144	30 12.0	30 03.0	29 49.2	29 35.7	29 22.3	29 09.4	28 56.9	28 44.7	28 33.0	28 21.7	28 11.1	28 00.8	27 50.9	27 41.3
145	30 19.0	30 10.0	29 56.2	29 42.6	29 29.2	29 16.3	28 53.8	28 41.7	28 30.0	28 18.6	28 08.0	28 07.7	27 57.8	27 48.2
146	30 25.9	30 16.9	29 53.1	29 49.5	29 36.1	29 23.2	29 10.7	28 58.6	28 46.8	28 35.5	28 24.9	28 14.6	28 04.7	27 55.0
147	30 32.7	30 23.8	30 09.9	29 56.4	29 43.0	29 30.1	29 17.5	29 05.4	28 53.7	28 42.3	28 31.7	28 21.4	28 11.5	28 01.9
148	30 39.5	30 30.6	30 16.7	30 03.2	29 49.8	29 36.9	29 24.3	29 12.2	29 00.5	28 49.1	28 38.5	28 28.2	28 18.3	28 08.6
149	30 46.3	30 37.3	30 23.5	30 09.9	29 56.5	29 43.6	29 31.1	29 18.9	29 07.2	28 55.8	28 45.2	28 34.9	28 25.0	28 15.3
150	30 53.0	30 44.0	30 30.1	30 16.6	30 03.3	29 50.3	29 37.8	29 25.6	29 14.0	29 02.7	28 52.1	28 41.8	28 31.9	28 22.4
151	30 59.8	30 50.8	30 37.0	30 23.4	30 10.1	29 57.2	29 44.6	29 32.4	29 20.8	29 09.5	28 58.9	28 48.6	28 38.7	28 29.2
152	31 06.6	30 57.6	30 43.8	30 30.2	30 16.9	30 04.0	29 51.4	29 39.2	29 27.6	29 16.3	29 05.7	28 55.4	28 45.5	28 36.0
153	31 13.4	31 04.5	30 50.6	30 37.0	30 23.7	30 10.8	29 58.2	29 46.0	29 34.4	29 23.1	29 12.5	29 02.2	28 52.3	28 42.8
154	31 20.2	31 11.2	30 57.4	30 43.8	30 30.5	30 17.5	30 04.9	29 52.8	29 41.1	29 29.9	29 19.2	29 08.9	28 59.0	28 49.5
155	31 27.0	31 18.0	31 04.1	30 50.5	30 37.2	30 24.3	30 11.7	29 59.5	29 47.9	29 36.6	29 26.0	29 15.6	29 05.7	28 56.2
156	31 33.7	31 24.7	31 10.8	30 57.2	30 43.9	30 31.0	30 18.4	30 06.2	29 54.6	29 43.3	29 32.6	29 22.3	29 12.4	29 02.9
157	31 40.3	31 31.4	31 17.5	31 03.9	30 50.6	30 37.6	30 25.0	30 12.8	30 01.2	29 49.9	29 39.3	29 28.9	29 19.0	29 09.5
158	31 46.9	31 38.0	31 24.1	31 10.5	30 57.2	30 44.2	30 31.6	30 19.4	30 07.8	29 56.5	29 45.9	29 35.5	29 25.6	29 16.1
159	31 53.5	31 44.5	31 30.6	31 17.0	31 03.7	30 50.7	30 38.1	30 26.0	30 14.3	30 03.0	29 52.4	29 42.0	29 32.1	29 22.6
160	32 00.0	31 51.0	31 37.1	31 23.5	31 10.2	30 57.2	30 44.6	30 32.4	30 20.8	30 09.5	29 58.8	29 48.4	29 38.5	29 29.0
161	32 06.6	31 57.6	31 43.7	31 30.1	31 16.7	31 03.8	30 51.2	30 39.0	30 27.3	30 16.1	30 05.4	29 55.0	29 45.1	29 35.6
162	32 13.2	32 04.2	31 50.3	31 36.7	31 23.3	31 10.4	30 57.8	30 45.6	30 33.9	30 22.6	30 12.0	30 01.6	29 51.6	29 42.1
163	32 19.8	32 10.8	31 56.9	31 43.2	31 29.9	31 17.0	31 04.3	30 52.1	30 40.5	30 29.2	30 18.5	30 08.1	29 58.2	29 48.7
164	32 26.4	32 17.4	32 03.5	31 49.8	31 36.5	31 23.5	31 10.9	30 58.7	30 47.0	30 35.8	30 25.1	30 14.7	30 04.7	29 55.2
165	32 33.0	32 24.0	32 10.1	31 56.4	31 43.1	31 30.1	31 17.5	31 05.3	30 53.6	30 42.3	30 31.6	30 21.2	30 11.3	30 01.8
166	32 39.6	32 30.6	32 16.7	32 03.0	31 49.7	31 36.7	31 24.1	31 11.9	31 00.2	30 48.9	30 38.2	30 27.8	30 17.8	30 08.3
167	32 46.2	32 37.2	32 23.3	32 09.6	31 56.3	31 43.3	31 30.6	31 18.4	31 06.8	30 55.5	30 44.8	30 34.3	30 24.4	30 14.9
168	32 52.8	32 43.8	32 29.9	32 16.2	32 02.9	31 49.9	31 37.2	31 25.0	31 13.3	31 02.0	30 51.3	30 40.9	30 30.9	30 21.4
169	32 59.4	32 50.4	32 36.5	32 22.8	32 09.5	31 56.5	31 43.8	31 31.6	31 19.9	31 08.6	30 57.9	30 47.4	30 37.5	30 27.9
170	33 06.0	32 57.0	32 43.0	32 29.4	32 16.0	32 03.0	31 50.4	31 38.1	31 26.4	31 15.1	31 04.4	30 53.9	30 44.0	30 34.4

$\Delta$	Depth $h =$											
	Surface		0-00		0-01		0-02		0-03		0-04	
	m	s	m	s	m	s	m	s	m	s	m	s
171	33	12.4	33	03.4	32	49.5	32	35.9	32	22.5	32	09.5
172	33	18.9	33	09.9	32	56.0	32	42.3	32	28.9	32	15.9
173	33	25.3	33	16.3	32	02.4	32	48.7	32	35.3	32	22.3
174	33	31.6	33	22.6	32	08.7	32	55.0	32	41.7	32	28.6
175	33	38.0	33	29.0	33	15.0	33	01.3	32	48.0	32	34.9
176	33	44.2	33	35.2	33	21.3	33	07.6	32	54.2	32	41.2
177	33	50.5	33	41.4	33	27.5	33	13.9	33	00.5	32	47.4
178	33	56.7	33	47.6	33	33.7	33	20.0	33	06.6	32	53.5
179	34	02.8	33	53.8	33	39.9	33	26.2	33	12.8	32	59.7
180	34	09.0	33	59.9	33	46.0	33	32.3	33	18.9	33	05.8
181	34	15.0	34	06.0	33	52.0	33	38.3	33	24.9	33	11.8
182	34	21.0	34	12.0	33	58.1	33	44.4	33	30.9	33	17.8
183	34	27.0	34	18.0	34	04.0	33	50.3	33	36.9	33	23.8
184	34	33.0	34	23.9	34	10.0	33	56.3	33	42.9	33	29.7
185	34	39.0	34	29.9	34	16.0	34	02.3	33	48.8	33	35.7
186	34	44.9	34	35.9	34	21.9	34	08.2	33	54.8	33	41.6
187	34	50.9	34	41.8	34	27.9	34	14.2	34	00.7	33	47.6
188	34	56.9	34	47.8	34	33.9	34	20.2	34	06.7	33	53.5
189	35	02.9	34	53.8	34	39.9	34	26.2	34	12.7	33	59.5
190	35	09.0	34	59.9	34	46.0	34	32.3	34	18.8	34	05.6
191	35	14.8	35	05.7	34	51.8	34	38.1	34	24.6	34	11.4
192	35	20.6	35	11.6	34	57.6	34	43.9	34	30.4	34	17.2
193	35	26.4	35	17.4	35	03.4	34	49.7	34	36.2	34	23.0
194	35	32.2	35	23.1	35	09.2	34	55.5	34	42.0	34	28.8
195	35	38.0	35	28.9	35	14.9	35	01.2	34	47.7	34	34.5
196	35	43.7	35	34.7	35	20.7	35	07.0	34	53.5	34	40.3
197	35	49.5	35	40.4	35	26.5	35	12.8	34	59.2	34	46.1
198	35	55.3	35	46.2	35	32.3	35	18.6	35	05.0	34	51.8
199	36	01.1	35	52.1	35	38.1	35	24.4	35	10.8	35	07.6
200	36	07.0	35	57.9	35	43.9	35	30.2	35	16.7	35	13.5
201	36	12.8	36	03.8	35	49.8	35	36.1	35	22.5	35	19.3
202	36	18.7	36	09.6	35	55.6	35	41.9	35	28.4	35	25.2
203	36	24.5	36	15.4	36	01.4	36	07.2	35	34.2	35	31.0
204	36	30.2	36	21.2	36	07.2	35	53.5	35	39.9	35	36.7
205	36	36.0	36	26.9	36	12.9	35	59.2	35	45.6	35	42.4
206	36	41.6	36	32.5	36	18.5	36	04.8	35	51.2	35	48.1
207	36	47.1	36	38.1	36	24.1	36	10.4	35	56.8	35	53.8
208	36	52.5	36	43.5	36	29.5	36	15.8	36	02.2	35	59.0
209	36	57.8	36	48.8	36	34.8	36	21.1	36	07.4	35	64.2
210	37	03.0	36	53.9	36	39.9	36	26.2	36	12.6	35	69.4

Δ	TIMES OF SKKKS												BRANCH ABC		
	Depth h =														
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12	
211	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	
212	37 08.4	36 59.3	36 45.3	36 31.6	36 18.0	36 04.8	35 52.0	35 39.5	35 27.6	35 16.2	35 05.3	34 54.6	34 44.4	34 34.5	
213	37 13.8	37 04.7	36 50.7	36 37.0	36 23.4	36 10.2	35 57.4	35 44.9	35 33.0	35 21.6	35 10.7	35 00.0	34 49.7	34 39.9	
214	37 19.2	37 10.1	36 56.1	36 42.4	36 28.8	36 15.6	36 02.7	35 50.3	35 38.4	35 27.0	35 16.1	35 05.1	34 55.1	34 45.3	
215	37 24.6	37 15.5	37 01.5	36 47.8	36 34.2	36 21.0	36 08.1	35 55.7	35 43.8	35 32.4	35 21.4	35 10.7	35 00.5	34 50.6	
216	37 30.0	37 20.9	37 06.9	36 53.2	36 39.6	36 26.3	36 13.5	36 01.1	35 49.2	35 37.8	35 26.8	35 16.1	35 05.8	34 56.0	
217	37 35.4	37 26.3	37 12.3	36 58.6	36 45.0	36 31.7	36 18.9	36 06.4	35 54.5	35 43.2	35 32.2	35 21.5	35 11.2	35 01.4	
218	37 40.8	37 31.7	37 17.7	37 04.0	36 50.3	36 37.1	36 24.3	36 11.8	35 59.9	35 48.5	35 37.6	35 26.8	35 16.6	35 06.7	
219	37 46.2	37 37.1	37 23.1	37 09.4	36 55.7	36 42.5	36 29.7	36 17.2	36 05.3	35 53.9	35 42.9	35 32.2	35 21.9	35 12.1	
220	37 51.6	37 42.5	37 28.5	37 14.8	37 01.1	36 47.9	36 35.1	36 22.6	36 10.7	35 59.3	35 48.3	35 37.6	35 27.3	35 17.5	
221	37 57.0	37 47.9	37 33.9	37 20.1	37 06.7	36 53.3	36 40.5	36 28.0	36 16.1	36 04.7	35 53.7	35 43.0	35 32.7	35 22.8	
222	38 02.4	37 53.3	37 39.3	37 25.6	37 12.0	36 58.7	36 45.9	36 33.4	36 21.5	36 10.1	35 59.1	35 48.4	35 38.1	35 28.2	
223	38 07.8	37 58.8	37 44.8	37 31.0	37 17.4	37 04.2	36 51.3	36 38.8	36 26.9	36 15.5	36 04.5	35 53.8	35 43.5	35 33.6	
224	38 13.2	38 04.2	37 50.2	37 36.4	37 22.8	37 09.6	36 56.7	36 44.2	36 32.3	36 20.9	36 09.9	35 59.2	35 48.8	35 39.0	
225	38 18.6	38 09.6	37 55.5	37 41.8	37 28.2	37 14.9	37 02.1	36 49.6	36 37.7	36 26.3	36 15.3	36 04.5	35 54.2	35 44.3	
226	38 24.0	38 14.9	38 00.9	37 47.1	37 33.5	37 20.3	37 07.4	36 54.9	36 43.0	36 31.6	36 20.6	36 09.9	35 59.5	35 49.7	
227	38 29.3	38 20.2	38 06.2	37 52.4	37 38.9	37 25.6	37 12.7	37 00.2	36 48.3	36 36.9	36 25.9	36 15.1	36 04.8	35 54.9	
228	38 34.5	38 25.5	38 11.5	37 57.7	37 44.1	37 30.8	37 18.0	37 05.4	36 53.6	36 42.2	36 31.1	36 20.4	36 10.0	36 00.2	
229	38 39.7	38 30.7	38 16.7	38 02.9	37 49.3	37 36.0	37 23.2	37 10.6	36 58.7	36 47.4	36 36.3	36 25.6	36 15.2	36 05.3	
230	38 44.9	38 35.8	38 21.8	38 08.0	37 54.4	37 41.2	37 28.3	37 15.8	37 03.9	36 52.5	36 41.4	36 30.7	36 20.3	36 10.4	
231	38 50.0	38 40.9	38 26.9	38 13.1	37 59.5	37 46.3	37 33.4	37 20.8	37 08.9	36 57.5	36 46.5	36 35.7	36 25.4	36 15.5	
232	39 00.1	38 51.0	38 37.0	38 23.2	38 09.6	37 56.4	37 43.5	37 30.9	37 19.0	37 07.6	36 56.5	36 45.8	36 35.4	36 25.5	
233	39 05.1	38 56.0	38 42.0	38 28.2	38 14.6	38 01.3	37 48.5	37 35.9	37 24.0	37 12.6	37 01.5	36 50.8	36 40.4	36 30.5	
234	39 10.0	39 01.0	38 47.0	38 33.1	38 19.6	38 06.3	37 53.4	37 40.8	37 28.9	37 17.5	37 06.5	36 55.7	36 45.3	36 35.4	
235	39 15.0	39 05.9	38 51.9	38 38.1	38 24.5	38 11.2	37 58.3	37 45.7	37 33.8	37 22.4	37 11.4	37 00.6	36 50.2	36 40.3	
236	39 19.8	39 10.8	38 56.8	38 42.9	38 29.4	38 16.1	38 03.2	37 50.6	37 38.7	37 27.3	37 16.2	37 05.4	36 55.1	36 45.2	
237	39 24.7	39 15.6	39 01.6	38 47.8	38 34.2	38 20.9	38 08.0	37 55.4	37 43.5	37 32.1	37 21.0	37 10.3	36 59.9	36 50.0	
238	39 29.5	39 20.4	39 06.4	38 52.6	38 39.0	38 25.7	38 12.8	38 00.2	37 48.3	37 36.9	37 25.8	37 15.0	37 04.6	36 54.7	
239	39 34.2	39 25.2	39 11.2	38 57.3	38 43.8	38 30.5	38 17.6	38 05.0	37 53.0	37 41.6	37 30.5	37 19.8	37 09.4	36 59.4	
240	39 39.0	39 29.9	39 15.9	39 02.0	38 48.4	38 35.2	38 22.2	38 09.6	37 57.7	37 46.3	37 35.2	37 24.4	37 14.0	37 04.1	
241	39 43.8	39 34.7	39 20.7	39 06.8	38 53.2	38 39.9	38 27.0	38 14.4	38 02.5	37 51.1	37 40.0	37 29.2	37 18.8	37 08.9	
242	39 48.6	39 39.5	39 25.5	39 11.6	38 58.0	38 44.7	38 31.8	38 19.2	38 07.3	37 55.8	37 44.8	37 34.0	37 23.6	37 13.6	
243	39 53.4	39 44.3	39 30.3	39 16.4	39 02.8	38 49.5	38 36.6	38 24.0	38 12.0	38 00.6	37 49.5	37 38.7	37 28.3	37 18.4	
244	39 58.2	39 49.1	39 35.1	39 21.2	39 07.6	38 54.3	38 41.4	38 28.8	38 16.8	38 05.4	37 54.3	37 43.5	37 33.1	37 23.2	
245	40 03.0	39 53.9	39 39.9	39 26.0	39 12.4	38 59.1	38 46.1	38 33.6	38 21.6	38 10.1	37 59.1	37 48.3	37 37.9	37 27.9	
246	40 07.8	39 58.7	39 44.6	39 30.8	39 17.2	39 03.9	38 50.9	38 38.3	38 25.4	38 14.9	38 03.8	37 53.0	37 42.6	37 32.7	
247	40 12.6	40 03.5	39 49.4	39 35.6	39 22.0	39 08.7	38 55.7	38 43.1	38 31.1	38 19.7	38 08.6	37 57.8	37 47.4	37 37.4	
248	40 17.4	40 08.3	39 54.2	39 40.4	39 26.8	39 13.5	39 00.5	38 47.9	38 35.9	38 24.5	38 13.4	38 02.6	37 52.2	37 42.2	
249	40 22.2	40 13.1	39 59.0	39 45.1	39 31.6	39 18.3	39 05.3	38 52.7	38 40.7	38 29.2	38 18.1	38 07.3	37 56.9	37 47.0	
250	40 27.0	40 17.9	40 03.8	39 49.9	39 36.3	39 23.0	39 10.1	38 57.5	38 45.5	38 34.0	38 22.9	38 12.1	38 01.7	37 51.7	

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
251	40 31.3	40 22.6	40 08.5	39 54.6	39 41.0	39 27.7	39 14.7	39 02.1	38 50.1	38 38.6	38 27.5	38 16.7	38 06.3	37 56.3
252	40 36.2	40 27.2	40 13.1	39 59.2	39 45.6	39 32.3	39 19.3	39 06.7	38 54.7	38 43.2	38 32.1	38 21.3	38 10.9	38 00.9
253	40 40.8	40 31.8	40 17.7	40 03.8	39 50.2	39 36.9	39 23.9	39 11.3	38 59.3	38 47.8	38 36.7	38 25.9	38 15.5	38 05.5
254	40 45.4	40 36.3	40 22.2	40 08.3	39 54.7	39 41.4	39 28.4	39 15.8	39 03.8	38 52.3	38 41.2	38 30.4	38 20.0	38 10.0
255	40 50.0	40 40.9	40 26.8	40 12.9	39 59.3	39 46.0	39 33.0	39 20.4	39 08.4	38 56.9	38 45.7	38 34.9	38 24.5	38 14.5
256	40 54.5	40 45.5	40 31.4	40 17.4	40 03.8	39 50.5	39 37.5	39 24.9	39 12.9	39 01.4	38 50.3	38 39.5	38 29.1	38 19.1
257	40 59.1	40 50.0	40 35.9	40 22.0	40 08.4	39 55.1	39 42.1	39 29.5	39 17.5	39 05.9	38 54.8	38 44.0	38 33.6	38 23.6
258	41 03.7	40 54.6	40 40.5	40 26.6	40 13.0	39 59.7	39 46.7	39 34.1	39 22.0	39 10.5	38 59.4	38 48.6	38 38.2	38 28.2
259	41 08.3	40 59.3	40 45.1	40 31.2	40 17.6	40 04.3	39 51.3	39 38.7	39 26.6	39 15.1	39 04.0	38 53.2	38 42.8	38 32.7
260	41 13.0	41 03.9	40 49.8	40 35.9	40 22.2	40 08.9	39 55.9	39 43.3	39 31.3	39 19.7	39 08.6	38 57.8	38 47.4	38 37.3
261	41 17.4	41 08.3	40 54.2	40 40.3	40 26.7	40 13.3	40 00.3	39 47.7	39 35.7	39 24.1	39 13.0	39 02.2	38 51.8	38 41.8
262	41 21.8	41 12.8	40 58.6	40 44.7	40 31.1	40 17.7	40 04.7	39 52.1	39 40.1	39 28.5	39 17.4	39 06.6	38 56.2	38 46.1
263	41 26.2	41 17.1	41 03.0	40 49.1	40 35.4	40 22.1	40 09.1	39 56.5	39 44.5	39 32.9	39 21.7	39 11.0	39 00.5	38 50.5
264	41 30.6	41 21.5	41 07.4	40 53.4	40 39.8	40 26.5	40 13.5	40 00.9	39 48.8	39 37.3	39 26.1	39 15.3	39 04.9	38 54.8
265	41 35.0	41 25.9	41 11.7	40 57.8	40 44.2	40 30.8	40 17.8	40 05.2	39 53.2	39 41.6	39 30.4	39 19.6	39 09.2	38 59.2
266	41 39.3	41 30.2	41 16.1	41 02.2	40 48.5	40 35.2	40 22.2	40 09.6	39 57.5	39 45.9	39 34.8	39 24.0	39 13.5	39 03.5
267	41 43.7	41 34.6	41 20.5	41 06.5	40 52.9	40 39.6	40 26.5	40 13.9	40 01.9	39 50.3	39 39.1	39 28.3	39 17.9	39 07.8
268	41 48.1	41 39.0	41 24.9	41 10.9	40 57.3	40 43.9	40 30.9	40 18.3	40 06.3	39 54.7	39 43.5	39 32.7	39 22.3	39 12.2
269	41 52.5	41 43.4	41 29.3	41 15.3	41 01.7	40 48.3	40 35.3	40 22.7	40 10.7	39 59.1	39 47.9	39 37.1	39 26.6	39 16.6
270	41 57.0	41 47.9	41 33.7	41 19.8	41 06.1	40 52.8	40 39.6	40 27.2	40 15.1	40 03.5	39 52.3	39 41.5	39 31.1	39 21.0
271	42 01.2	41 52.1	41 37.9	41 24.0	41 10.3	40 57.0	40 44.0	40 31.4	40 19.3	40 07.7	39 56.5	39 45.7	39 35.3	39 25.2
272	42 05.4	41 56.3	41 42.2	41 28.2	41 14.5	41 01.2	40 48.2	40 35.6	40 23.5	40 11.9	40 00.7	39 49.9	39 39.5	39 29.4
273	42 09.6	42 00.5	41 46.3	41 32.4	41 22.9	41 09.5	40 56.5	40 43.9	40 31.9	40 20.2	40 09.0	39 58.2	39 47.8	39 37.7
274	42 13.8	42 04.7	41 50.5	41 36.6	41 22.9	41 09.5	40 56.5	40 43.9	40 31.9	40 20.2	40 09.0	39 58.2	39 47.8	39 37.7
275	42 18.0	42 08.9	41 54.7	41 40.7	41 27.1	41 13.7	41 00.7	40 48.1	40 36.0	40 24.4	40 13.2	40 02.4	39 51.9	39 41.8
276	42 22.1	42 13.0	41 58.8	41 44.9	41 31.2	41 17.9	41 04.8	40 52.2	40 40.2	40 28.5	40 17.3	40 06.5	39 56.0	39 46.0
277	42 26.3	42 17.2	42 03.0	41 49.1	41 35.4	41 22.0	41 09.0	40 56.4	40 44.3	40 32.7	40 21.4	40 10.6	40 00.2	39 50.1
278	42 30.5	42 21.4	42 07.2	41 53.2	41 39.6	41 26.2	41 13.2	41 00.6	40 48.5	40 36.9	40 25.6	40 14.8	40 04.4	39 54.3
279	42 34.7	42 25.6	42 11.4	41 57.5	41 43.8	41 30.4	41 17.4	41 04.8	40 52.7	40 41.1	40 29.8	40 19.0	40 08.6	39 58.5
280	42 39.3	42 29.9	42 15.7	42 01.7	41 48.0	41 34.6	41 21.6	41 09.0	40 56.9	40 45.3	40 34.0	40 23.2	40 12.8	40 02.7
281	42 43.0	42 33.9	42 19.7	42 05.7	41 52.0	41 38.7	41 25.7	41 13.1	41 01.0	40 49.3	40 38.0	40 27.2	40 16.6	40 06.7
282	42 47.0	42 37.9	42 23.7	42 09.7	41 56.0	41 42.7	41 29.7	41 17.1	41 05.0	40 53.3	40 42.0	40 31.2	40 20.8	40 10.7
283	42 51.0	42 41.9	42 27.7	42 13.7	42 00.0	41 46.7	41 33.7	41 21.1	41 09.0	40 57.3	40 46.0	40 35.2	40 24.7	40 14.6
284	42 55.0	42 45.9	42 31.7	42 17.7	42 04.0	41 50.6	41 37.6	41 25.0	41 12.9	41 01.2	40 50.0	40 39.2	40 28.7	40 18.6
285	42 59.0	42 49.8	42 35.6	42 21.7	42 08.0	41 54.6	41 41.6	41 29.0	41 16.9	41 05.2	40 53.9	40 43.1	40 32.6	40 22.5
286	43 02.9	42 53.8	42 39.6	42 25.6	42 11.9	41 58.5	41 45.5	41 32.9	41 20.8	41 09.1	40 57.8	40 47.1	40 36.6	40 26.5
287	43 06.9	42 57.8	42 43.6	42 29.6	42 15.9	42 02.5	41 49.5	41 36.9	41 24.8	41 13.1	41 01.8	40 51.0	40 40.5	40 30.4
288	43 10.9	43 01.8	42 47.5	42 33.6	42 19.9	42 06.5	41 53.5	41 40.9	41 28.8	41 17.1	41 05.8	40 55.0	40 44.5	40 34.4
289	43 14.9	43 05.8	42 51.6	42 37.6	42 23.9	42 10.5	41 57.5	41 44.9	41 32.8	41 21.1	41 09.8	40 59.0	40 48.5	40 38.4
290	43 19.0	43 09.9	42 55.6	42 41.6	42 27.9	42 14.5	42 01.5	41 48.9	41 36.8	41 25.1	41 13.8	41 03.0	40 52.5	40 42.4

Depth  $h =$ 

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
291	43	23.0	43	13.9	42	57.6	42	45.7	42	31.9	42	18.5	42	05.6	41	53.0	41	40.8	41	29.1	41	17.8	41	07.0	40	56.5	40	46.4
292	42	27.0	43	17.9	43	03.6	42	49.7	42	35.9	42	22.6	42	09.6	41	57.0	41	44.8	41	33.1	41	21.8	41	11.0	41	00.5	40	50.4
293	43	31.0	43	21.9	43	07.6	42	53.7	42	39.9	42	26.6	42	13.6	42	01.0	41	48.8	41	37.1	41	25.8	41	15.0	41	04.5	40	54.4
294	43	35.0	43	25.9	43	11.6	42	57.6	42	43.9	42	30.5	42	17.5	42	04.9	41	52.8	41	41.1	41	29.8	41	19.0	41	08.5	40	58.4
295	43	39.0	43	29.8	43	15.6	42	47.9	42	47.9	42	34.5	42	21.5	42	08.9	41	56.8	41	45.0	41	33.7	41	22.9	41	12.4	41	02.3
296	43	42.9	43	33.7	43	19.5	42	45.5	42	51.8	42	38.4	42	25.4	42	12.8	42	00.7	41	48.9	41	37.6	41	26.8	41	16.3	41	06.2
297	43	46.7	43	37.6	43	23.3	43	09.4	42	55.6	42	42.2	42	29.3	42	16.6	42	04.5	41	52.8	41	41.5	41	30.6	41	20.2	41	10.0
298	43	50.5	43	41.4	43	27.1	43	13.2	43	59.4	42	46.0	42	33.1	42	20.4	42	08.3	41	56.6	41	45.1	41	34.4	41	23.9	41	13.8
299	43	54.3	43	45.1	43	30.9	43	16.9	43	03.2	42	49.8	42	36.8	42	24.2	42	12.0	42	00.3	41	49.0	41	38.2	41	27.7	41	17.5
300	43	58.0	43	48.8	43	34.6	43	20.6	43	06.8	42	53.4	42	40.5	42	27.8	42	15.7	42	04.0	41	52.6	41	41.8	41	31.3	41	21.2
301	44	01.6	43	52.4	43	38.2	43	24.2	43	10.5	42	57.1	42	44.1	42	31.5	42	19.3	42	07.6	41	56.3	41	45.5	41	35.0	41	24.8
302	44	05.2	43	56.1	43	41.8	43	27.8	43	14.1	43	00.7	42	47.7	42	35.1	42	22.9	42	11.2	41	59.9	41	49.1	41	38.6	41	28.4
303	44	08.8	43	59.7	43	45.4	43	31.4	43	17.7	43	04.3	42	51.3	42	38.7	42	26.5	42	14.8	42	03.5	41	52.6	41	42.1	41	32.0
304	44	12.4	44	03.2	43	49.0	43	35.0	43	21.3	43	07.8	42	54.9	42	42.2	42	30.1	42	18.4	42	07.0	41	56.2	41	45.7	41	35.8
305	44	16.0	44	06.8	43	52.5	43	38.6	43	24.3	43	11.4	42	58.4	42	45.8	42	33.7	42	21.9	42	10.6	41	59.8	41	49.3	41	39.1
306	44	19.5	44	10.4	43	56.1	42	42.1	43	28.4	43	15.0	43	02.0	42	49.4	42	37.2	42	25.5	42	14.1	42	03.3	41	52.8	41	42.7
307	44	23.1	44	13.9	43	59.7	43	45.3	43	32.0	43	18.5	43	05.6	42	52.5	42	40.8	42	29.1	42	17.7	42	06.9	41	56.4	41	46.2
308	44	26.7	44	17.5	44	03.3	43	49.3	43	35.5	43	22.1	43	09.2	42	56.5	42	44.4	42	32.6	42	21.3	42	10.5	41	59.9	41	49.8
309	44	30.3	44	21.2	44	06.9	43	52.9	43	39.2	43	25.8	43	12.8	43	00.1	42	48.0	42	36.2	42	24.9	42	14.1	42	03.6	41	53.4
310	44	34.0	44	24.8	44	10.5	44	56.5	43	42.8	43	29.4	43	16.4	43	03.8	43	51.6	42	39.9	42	28.6	42	17.7	42	07.2	41	57.1
311	44	37.6	44	28.4	44	14.2	44	00.2	43	46.5	43	33.0	43	20.0	43	07.4	42	55.2	42	43.5	42	32.2	42	21.4	42	10.8	42	00.7
312	44	41.2	44	32.1	44	17.8	44	03.8	43	50.1	43	36.7	43	23.7	43	11.0	42	58.8	42	47.1	42	35.8	42	25.0	42	14.5	42	04.3
313	44	44.8	44	35.7	44	21.4	44	07.4	44	53.7	43	40.3	43	27.3	43	14.6	43	02.4	42	50.7	42	39.4	42	28.6	42	18.0	42	7.9
314	44	48.4	44	39.2	44	25.0	44	11.0	44	57.3	43	43.8	43	30.8	43	18.2	43	06.0	42	54.3	42	43.0	42	32.1	42	21.6	42	11.5
315	44	52.0	44	42.8	44	28.5	44	14.5	44	00.3	43	47.4	43	34.4	43	21.7	43	09.6	42	57.9	42	46.5	42	35.7	42	25.2	42	15.0
316	44	55.5	44	46.3	44	32.0	44	18.0	44	04.3	43	50.9	43	37.9	43	25.2	43	13.1	43	01.4	42	50.0	42	39.2	42	28.7	42	19.5
317	44	58.9	44	49.8	44	35.5	44	21.5	44	07.8	43	54.4	43	41.4	43	28.7	43	16.5	43	04.8	42	53.5	42	42.6	42	32.1	42	21.9
318	45	02.3	44	53.2	44	38.9	44	24.9	44	11.2	43	57.8	43	44.8	43	32.1	43	19.9	43	08.2	42	56.9	42	46.0	42	35.5	42	25.3
319	45	05.7	44	56.5	44	42.2	44	28.2	44	14.5	44	01.1	43	48.1	43	35.4	43	23.2	43	11.5	43	00.2	42	49.4	42	38.8	42	28.6
320	45	09.0	44	59.8	44	45.5	44	31.5	44	17.8	44	04.4	43	51.4	43	38.7	43	26.5	43	14.8	43	03.5	42	52.6	42	42.1	42	31.9
321	45	12.4	45	03.2	44	48.9	44	34.9	44	21.2	44	07.8	43	54.8	43	42.1	43	29.9	43	18.2	43	06.9	42	56.0	42	45.5	42	35.3
322	45	15.8	45	06.6	44	52.4	44	38.4	44	24.7	44	11.2	43	58.2	43	45.5	43	33.3	43	21.6	43	10.3	42	59.4	42	48.9	42	39.7
323	45	19.2	45	10.1	44	55.8	44	41.8	44	28.1	44	14.6	44	01.6	43	48.9	43	36.7	43	25.0	43	13.7	42	62.8	42	52.3	42	42.1
324	45	22.6	45	13.4	44	59.2	44	45.1	44	31.4	44	18.0	44	05.0	43	52.3	43	40.1	43	28.4	43	17.1	43	06.2	42	55.7	42	45.5
325	45	26.0	45	16.8	45	02.5	44	48.5	44	34.8	44	21.4	44	08.4	43	55.6	43	43.5	43	31.8	43	20.4	43	09.6	42	59.0	42	48.8
326	45	29.3	45	20.1	45	05.8	44	51.8	44	38.1	44	24.7	44	11.7	43	58.9	43	46.8	43	35.1	43	23.7	43	12.9	42	62.3	42	52.1
327	45	32.5	45	23.4	45	09.1	44	55.1	44	41.4	44	28.0	44	14.9	44	02.2	43	50.0	43	38.3	43	27.0	43	16.1	43	05.5	42	55.3
328	45	35.7	45	26.6	45	12.3	44	58.3	44	44.6	44	31.2	44	18.1	44	05.4	43	53.2	43	41.5	43	30.2	43	19.3	43	08.7	42	58.5
329	45	38.9	45	29.7	45	15.4	45	01.4	44	47.7	44	34.3	44	21.2	44	08.5	43	56.3	43	44.6	43	33.3	43	22.4	43	11.9	43	01.6
330	45	42.0	45	32.8	45	18.5	45	04.5	44	50.8	44	37.4	44	24.3	44	11.6	44	59.4	43	47.7	43	36.4	43	25.5	43	14.9	43	04.7

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
331	45	45.2	45	36.0	45	21.7	45	07.7	44	54.0	44	40.6	44	27.6	44	14.8	44	02.6	43	50.9	43	39.6	43	28.7	43	18.1	43	07.9
332	45	48.4	45	39.3	45	25.0	45	11.0	44	57.3	44	43.9	44	30.8	44	18.0	44	05.8	43	54.1	43	42.8	43	31.9	43	21.3	43	11.1
333	45	51.6	45	42.5	45	28.2	45	14.2	45	00.3	44	47.1	44	34.0	44	21.2	44	09.0	43	57.3	43	46.0	43	35.1	43	24.5	43	14.3
334	45	54.8	45	45.6	45	31.4	45	17.4	45	03.7	44	50.3	44	37.2	44	24.4	44	12.2	44	00.5	43	49.2	43	38.3	43	27.7	43	17.4
335	45	58.0	45	48.8	45	34.5	45	20.5	45	06.8	44	53.4	44	40.3	44	27.5	44	15.3	44	03.6	43	52.3	43	41.4	43	30.8	43	20.6
336	46	01.1	45	51.9	45	37.6	45	23.6	45	09.9	44	56.5	44	43.4	44	30.6	44	18.4	44	06.7	43	55.4	43	44.5	43	33.9	43	23.6
337	46	04.1	45	55.0	45	40.7	45	26.7	45	13.0	44	59.6	44	46.5	44	33.7	44	21.5	44	09.8	43	58.1	43	47.6	43	37.0	43	26.7
338	46	07.1	45	58.0	45	43.7	45	29.7	45	16.0	45	02.0	44	49.5	44	36.7	44	24.5	44	12.8	44	01.5	43	50.6	43	40.0	43	29.7
339	46	10.1	46	00.9	45	46.6	45	32.6	45	18.1	45	05.5	44	52.4	44	39.6	44	27.4	44	15.7	44	04.4	43	53.5	43	42.9	43	32.6
340	46	13.0	46	03.8	45	49.5	45	35.5	45	21.1	45	08.4	44	55.3	44	42.5	44	30.3	44	18.6	44	07.3	43	56.4	43	45.8	43	35.4
341	46	16.0	46	06.8	45	52.5	45	38.5	45	24.1	45	11.4	44	58.3	44	45.5	44	33.3	44	21.6	44	10.3	43	59.4	43	48.8	43	38.5
342	46	19.0	46	09.7	45	55.6	45	41.5	45	27.8	45	14.4	45	01.3	44	48.5	44	36.3	44	24.6	44	13.1	44	02.4	43	51.1	43	41.5
343	46	22.0	46	12.5	45	58.6	45	44.6	45	30.9	45	17.3	45	04.3	44	51.5	44	39.3	44	27.6	44	16.3	44	05.4	43	54.1	43	44.4
344	46	25.0	46	15.5	46	01.5	45	47.5	45	33.8	45	20.4	45	07.3	44	54.5	44	42.3	44	30.6	44	19.3	44	08.4	43	57.7	43	47.4
345	46	28.0	46	18.0	46	04.5	45	50.5	45	36.8	45	23.4	45	10.2	44	57.4	44	45.2	44	33.5	44	22.2	44	11.3	44	00.7	43	50.3
346	46	30.9	46	21.7	46	07.4	45	53.4	45	39.7	45	26.3	45	13.1	45	00.3	44	48.1	44	36.4	44	25.1	44	14.2	44	03.6	43	53.2
347	46	33.7	46	24.6	46	10.3	45	56.3	45	42.5	45	29.2	45	16.0	45	03.2	44	51.0	44	39.2	44	27.9	44	17.0	44	06.4	43	56.1
348	46	36.5	46	27.4	46	13.1	45	59.1	45	45.4	45	32.0	45	18.8	45	06.0	44	53.8	44	42.0	44	30.7	44	19.8	44	09.2	43	58.9
349	46	39.3	46	30.1	46	15.8	46	01.8	45	48.1	45	34.7	45	21.5	45	08.7	44	56.5	44	44.8	44	33.5	44	22.6	44	11.9	44	01.6
350	46	42.0	46	32.8	46	18.5	46	04.8	45	50.7	45	37.3	45	24.1	45	11.3	44	59.1	44	47.4	44	36.1	44	25.2	44	14.6	44	04.2
351	46	44.8	46	35.6	46	21.3	46	07.3	45	53.6	45	40.1	45	27.0	45	14.2	45	02.0	44	50.2	44	38.9	44	28.0	44	17.4	44	07.0
352	46	47.6	46	38.5	46	24.2	46	10.1	45	56.4	45	43.0	45	29.8	45	17.0	45	04.8	44	53.0	44	41.7	44	30.8	44	20.2	44	09.9
353	46	50.4	46	41.3	46	27.0	46	12.9	45	59.2	45	45.8	45	32.6	45	19.8	45	07.6	44	55.8	44	44.5	44	33.6	44	23.0	44	12.6
354	46	53.2	46	44.0	46	29.7	46	15.7	46	01.9	45	48.5	45	35.3	45	22.5	45	10.3	44	58.5	44	47.2	44	36.3	44	25.7	44	15.4
355	46	56.0	46	46.8	46	32.5	46	18.4	46	04.7	45	51.3	45	38.1	45	25.3	45	13.1	45	01.3	44	50.0	44	39.1	44	28.5	44	18.2
356	46	58.7	46	49.5	46	35.2	46	21.1	46	07.4	45	54.0	45	40.8	45	28.0	45	15.8	45	04.0	44	52.7	44	41.8	44	31.2	44	20.9
357	47	01.3	46	52.2	46	37.9	46	23.8	46	10.1	45	56.7	45	43.5	45	30.7	45	18.5	45	06.6	44	55.3	44	44.4	44	33.8	44	23.5
358	47	03.9	46	54.8	46	40.5	46	26.4	46	12.7	45	59.3	45	46.1	45	33.3	45	21.1	45	09.2	44	57.9	44	47.0	44	36.4	44	26.1
359	47	06.5	46	57.3	46	43.0	46	28.7	46	15.2	46	01.8	45	48.6	45	35.8	45	23.6	45	11.8	45	00.5	44	49.6	44	39.0	44	28.6
360	47	09.0	46	59.8	46	45.5	46	31.4	46	17.7	46	04.3	45	51.1	45	38.3	45	26.1	45	14.2	45	02.9	44	52.0	44	41.4	44	31.1
361	47	11.4	47	02.2	46	47.9	46	33.8	46	20.1	46	06.7	45	53.5	45	40.7	45	28.5	45	16.6	45	05.3	44	54.4	44	43.8	44	33.5
362	47	13.8	47	04.6	46	50.3	46	36.2	46	22.5	46	09.1	45	55.9	45	43.1	45	30.9	45	19.0	45	07.7	44	56.8	44	46.2	44	35.9
363	47	16.1	47	07.0	46	52.7	46	38.6	46	24.9	46	11.1	45	58.2	45	45.4	45	33.2	45	21.4	45	10.1	44	59.2	44	48.6	44	38.3
364	47	18.5	47	09.4	46	55.1	46	41.0	46	27.3	46	13.1	46	00.6	45	47.8	45	35.6	45	23.8	45	12.5	44	01.6	44	51.0	44	40.7
365	47	21.0	47	11.8	46	57.5	46	43.4	46	29.7	46	15.3	46	03.1	45	50.3	45	38.1	45	26.2	45	14.9	44	04.0	44	53.4	44	43.1
366	47	23.4	47	14.3	47	00.0	46	45.9	46	32.1	46	18.7	46	05.5	45	52.7	45	40.5	45	28.7	45	17.4	44	06.5	44	55.9	44	45.5
367	47	25.9	47	16.8	47	02.5	46	48.4	46	34.6	46	21.2	46	08.0	45	55.2	45	43.0	45	31.2	45	19.9	44	09.0	44	58.4	44	48.1
368	47	28.5	47	19.4	47	05.1	46	51.1	46	37.2	46	23.0	46	10.6	45	57.8	45	45.6	45	33.4	45	22.5	44	11.6	44	01.0	44	50.7
369	47	31.2	47	22.0	47	07.7	46	53.6	46	39.9	46	26.5	46	13.3	46	00.5	45	48.3	45	36.5	45	25.2	44	14.3	44	03.7	44	53.3
370	47	34.0	47	24.8	47	10.5	46	56.4	46	42.7	46	29.3	46	16.1	46	03.3	45	51.1	45	39.2	45	27.9	44	17.0	44	06.4	44	56.1

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
82	35	50.3	35	45.0	35	37.3	35	29.8	35	22.6	35	15.5	35	08.7	35	02.0	34	55.7	34	49.8	34	44.2	34	38.8	34	33.5	34	28.4
83	35	45.8	35	40.6	35	32.9	35	25.4	35	18.2	35	11.1	35	04.9	34	57.6	34	51.3	34	45.4	34	39.8	34	34.4	34	29.1	34	24.0
84	35	41.4	35	36.1	35	28.4	35	20.9	35	13.7	35	06.6	34	59.8	34	53.1	34	46.8	34	40.9	34	35.2	34	29.9	34	24.6	34	19.5
85	35	37.0	35	31.7	35	24.0	35	16.5	35	09.3	35	02.2	34	55.4	34	48.7	34	42.4	34	36.5	34	30.9	34	25.5	34	20.2	34	15.1
86	35	32.5	35	27.3	35	19.6	35	12.1	35	04.9	34	57.8	34	51.0	34	44.3	34	38.0	34	32.1	34	26.5	34	21.1	34	15.8	34	10.7
87	35	28.1	35	22.8	35	15.1	35	07.6	35	00.4	34	53.3	34	46.5	34	39.8	34	33.5	34	27.6	34	22.0	34	16.6	34	11.3	34	06.2
88	35	23.6	35	18.4	35	10.7	35	03.2	34	56.0	34	48.9	34	42.1	34	35.4	34	29.1	34	23.2	34	17.6	34	12.2	34	06.9	34	01.8
89	35	19.2	35	13.9	35	06.3	34	58.8	34	51.6	34	44.5	34	37.7	34	31.0	34	24.6	34	18.7	34	13.1	34	07.8	34	02.5	33	57.3
90	35	14.8	35	09.5	35	01.8	34	54.3	34	47.1	34	40.0	34	33.2	34	26.5	34	20.2	34	14.3	34	08.7	34	03.3	33	58.0	33	52.9
91	35	10.3	35	05.1	34	57.4	34	49.9	34	42.7	34	35.6	34	28.8	34	22.1	34	15.8	34	09.9	34	04.3	34	04.3	33	53.6	33	48.5
92	35	05.9	35	00.6	34	52.9	34	45.4	34	38.2	34	31.1	34	24.3	34	17.6	34	11.3	34	05.5	33	59.8	33	54.4	33	49.1	33	44.0
93	35	01.4	34	56.2	34	48.5	34	41.0	34	33.8	34	26.7	34	19.9	34	13.2	34	06.9	34	01.0	33	55.4	33	50.0	33	44.7	33	39.6
94	34	57.0	34	51.7	34	44.0	34	36.5	34	29.3	34	22.2	34	15.4	34	08.7	34	02.4	33	56.6	33	50.9	33	45.5	33	40.2	33	35.1
95	34	52.6	34	47.3	34	39.6	34	32.1	34	24.9	34	17.8	34	11.0	34	04.3	33	58.0	33	52.2	33	46.5	33	41.1	33	35.8	33	30.7
96	34	48.1	34	42.9	34	35.2	34	27.7	34	20.5	34	13.4	34	06.6	33	59.9	33	53.6	33	47.7	33	42.1	33	36.7	33	31.4	33	26.3
97	34	43.7	34	38.4	34	30.8	34	23.3	34	16.1	34	09.0	34	02.2	33	55.5	33	49.1	33	43.3	33	37.6	33	32.2	33	26.9	33	21.8
98	34	39.3	34	34.0	34	26.3	34	18.8	34	11.6	34	04.5	33	57.7	33	51.0	33	44.7	33	38.8	33	33.2	33	27.8	33	22.5	33	17.4
99	34	34.9	34	29.6	34	21.9	34	14.4	34	07.2	34	00.1	33	53.3	33	46.6	33	40.3	33	34.4	33	28.8	33	23.4	33	18.1	33	13.0
100	34	30.5	34	25.2	34	17.5	34	10.0	34	02.8	33	55.7	33	49.9	33	43.2	33	36.9	33	30.0	33	24.4	33	19.0	33	13.7	33	08.6
101	34	26.0	34	20.8	34	13.1	34	05.6	33	58.4	33	51.3	33	44.5	33	37.8	33	31.5	33	25.6	33	20.0	33	14.6	33	09.3	33	04.2
102	34	21.6	34	16.4	34	08.7	34	01.2	33	54.0	33	46.9	33	40.1	33	33.4	33	27.1	33	21.2	33	15.6	33	10.2	33	04.9	32	59.8
103	34	17.2	34	12.0	34	04.3	33	56.8	33	49.6	33	42.5	33	35.7	33	29.0	33	22.7	33	16.8	33	11.2	33	05.8	33	00.5	32	55.4
104	34	12.8	34	07.6	33	59.9	33	52.4	33	45.2	33	38.1	33	31.3	33	24.6	33	18.3	33	12.4	33	06.8	33	01.4	32	56.1	32	51.0
105	34	08.5	34	03.2	33	55.5	33	48.0	33	40.8	33	33.7	33	26.9	33	20.2	33	13.9	33	08.0	33	02.4	32	57.0	32	51.7	32	46.6
106	34	04.1	33	58.8	33	51.1	33	43.6	33	36.4	33	29.3	33	22.5	33	15.8	33	09.5	33	03.6	32	58.0	32	52.6	32	47.3	32	42.2
107	33	59.7	33	54.5	33	46.8	33	39.3	33	32.1	33	25.0	33	18.2	33	11.5	33	05.2	32	59.3	32	53.7	32	48.3	32	43.0	32	37.9
108	33	55.4	33	50.1	33	42.4	33	34.9	33	27.7	33	20.6	33	13.8	33	07.1	33	00.8	32	54.9	32	49.3	32	43.9	32	38.6	32	33.5
109	33	51.0	33	45.7	33	38.0	33	30.5	33	23.3	33	16.2	33	09.4	33	02.7	32	56.4	32	50.5	32	44.9	32	39.5	32	34.2	32	29.1
110	33	46.7	33	41.4	33	33.7	33	26.2	33	19.0	33	11.9	33	05.1	32	58.4	32	52.1	32	46.2	32	40.6	32	35.2	32	29.9	32	24.8
111	33	42.3	33	37.1	33	29.4	33	21.9	33	14.7	33	07.6	33	00.8	32	54.1	32	47.8	32	41.9	32	36.3	32	30.9	32	25.6	32	20.5
112	33	38.0	33	32.7	33	25.0	33	17.5	33	10.3	33	03.2	32	56.4	32	49.7	32	43.4	32	37.5	32	31.9	32	26.5	32	21.2	32	16.1
113	33	33.6	33	28.4	33	20.7	33	13.2	33	06.0	32	58.9	32	52.1	32	45.4	32	39.1	32	33.2	32	27.6	32	22.2	32	16.9	32	11.8
114	33	29.3	33	24.0	33	16.4	33	08.9	33	01.7	32	54.6	32	47.8	32	41.1	32	34.8	32	28.8	32	23.3	32	17.9	32	12.6	32	07.4
115	33	25.0	33	19.7	33	12.0	33	04.5	32	57.3	32	50.2	32	43.4	32	36.7	32	30.4	32	24.5	32	18.9	32	13.5	32	08.2	32	03.1
116	33	20.6	33	15.4	33	07.7	33	00.2	32	53.0	32	45.9	32	39.1	32	32.4	32	26.1	32	20.1	32	14.6	32	09.2	32	03.9	31	58.8
117	33	16.3	33	11.0	33	03.3	32	55.8	32	48.6	32	41.5	32	34.7	32	28.0	32	21.7	32	15.8	32	10.2	32	04.8	31	59.5	31	54.4
118	33	11.9	33	06.7	32	59.0	32	51.5	32	44.3	32	37.2	32	30.4	32	23.7	32	17.4	32	11.5	32	05.9	32	00.5	31	55.2	31	50.1
119	33	07.6	33	02.3	32	54.7	32	47.2	32	40.0	32	32.9	32	26.1	32	19.4	32	13.0	32	07.1	32	01.5	31	56.2	31	50.9	31	45.7
120	32	03.3	32	58.0	32	50.3	32	42.8	32	35.6	32	28.5	32	21.8	32	15.1	32	08.7	32	02.8	31	57.2	31	51.8	31	46.5	31	41.4
121	32	58.9	32	53.7	32	46.0	32	38.5	32	31.3	32	24.2	32	17.4	32	10.7	32	04.4	31	58.4	31	52.9	31	47.5	31	42.2	31	37.0
122	32	54.7	32	49.4	32	41.7	32	34.2	32	27.1	32	20.0	32	13.2	32	06.5	32	00.1	31	54.2	31	48.6	31	43.2	31	37.9	31	32.8

Depth  $h =$

	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
123	32	50.4	32	45.1	32	37.4	32	29.9	32	22.8	32	15.7	32	08.9	32	02.2	31	55.8	31	49.9	31	44.3	31	38.9	31	33.6	31	28.5
124	32	46.1	32	40.8	32	33.1	32	25.6	32	18.4	32	11.3	32	04.6	31	57.9	31	51.5	31	45.6	31	40.0	31	34.6	31	29.3	31	24.1
125	32	41.8	32	36.5	32	28.8	32	21.3	32	14.1	32	07.0	32	00.3	31	53.6	31	47.2	31	41.3	31	35.7	31	30.3	31	25.0	31	19.8
126	32	37.4	32	32.2	32	24.5	32	17.0	32	09.8	32	02.7	31	56.0	31	49.3	31	42.9	31	36.9	31	31.4	31	26.0	31	20.7	31	15.5
127	32	33.1	32	27.9	32	20.2	32	12.7	32	05.5	31	58.4	31	51.6	31	44.9	31	38.6	31	32.6	31	27.0	31	21.7	31	16.4	31	11.2
128	32	28.8	32	23.6	32	15.9	32	08.4	32	01.2	31	54.1	31	47.3	31	40.6	31	34.3	31	28.3	31	22.7	31	17.3	31	12.0	31	06.9
129	32	24.5	32	19.3	32	11.6	32	04.1	31	56.9	31	49.8	31	43.0	31	36.3	31	30.0	31	24.0	31	18.4	31	13.0	31	07.7	31	02.6
130	32	20.3	32	15.0	32	07.3	31	59.8	31	52.6	31	45.5	31	38.8	31	32.1	31	25.7	31	19.7	31	14.1	31	08.7	31	03.4	30	58.3
131	32	16.0	32	10.7	32	03.0	31	55.5	31	48.4	31	41.3	31	34.5	31	27.8	31	21.4	31	15.4	31	09.8	31	04.4	30	59.1	30	54.0
132	32	11.8	32	06.5	31	58.8	31	51.3	31	44.1	31	37.0	31	30.3	31	23.6	31	17.2	31	11.2	31	05.6	31	00.2	30	54.9	30	49.7
133	32	07.5	32	02.3	31	54.6	31	47.1	31	39.9	31	32.8	31	26.0	31	19.3	31	12.9	31	07.0	31	01.4	30	56.0	30	50.7	30	45.5
134	32	03.3	31	58.0	31	50.4	31	42.9	31	35.7	31	28.6	31	21.8	31	15.1	31	08.7	31	02.7	30	57.1	30	51.7	30	46.4	30	41.2
135	31	59.1	31	53.8	31	46.1	31	38.6	31	31.4	31	24.3	31	17.5	31	10.7	31	04.4	30	58.5	30	52.9	30	47.5	30	42.2	30	37.0
136	31	54.8	31	49.6	31	41.9	31	34.4	31	27.2	31	20.1	31	13.3	31	06.5	31	00.2	30	54.2	30	48.6	30	43.2	30	37.9	30	32.7
137	31	50.6	31	45.3	31	37.7	31	30.2	31	23.0	31	15.9	31	09.1	31	02.4	30	56.0	30	50.0	30	44.4	30	39.0	30	33.7	30	28.5
138	31	46.4	31	41.1	31	33.4	31	25.9	31	18.7	31	11.6	31	04.8	30	58.1	30	51.7	30	45.7	30	40.1	30	34.8	30	29.5	30	24.3
139	31	42.2	31	36.9	31	29.2	31	21.7	31	14.5	31	07.4	31	00.6	30	53.9	30	47.5	30	41.5	30	35.9	30	30.5	30	25.2	30	20.0
140	31	38.0	31	32.7	31	25.0	31	17.5	31	10.3	31	03.2	30	56.4	30	49.7	30	43.3	30	37.3	30	31.7	30	26.3	30	21.0	30	15.8
141	31	33.8	31	28.5	31	20.8	31	13.3	31	06.1	30	59.0	30	52.2	30	45.5	30	39.1	30	33.1	30	27.5	30	22.1	30	16.8	30	11.6
142	31	29.6	31	24.3	31	16.6	31	09.1	31	01.9	30	54.8	30	48.0	30	41.3	30	34.9	30	28.9	30	23.2	30	17.8	30	12.5	30	07.3
143	31	25.4	31	20.1	31	12.4	31	04.9	30	57.7	30	50.6	30	43.8	30	37.1	30	30.7	30	24.6	30	19.0	30	13.6	30	08.3	30	03.1
144	31	21.2	31	16.0	31	08.2	31	00.7	30	53.5	30	46.4	30	39.6	30	32.9	30	26.5	30	20.4	30	14.8	30	09.4	30	04.1	29	58.9
145	31	17.1	31	11.8	31	04.1	30	56.6	30	49.3	30	42.2	30	35.4	30	28.7	30	22.3	30	16.3	30	10.6	30	05.2	29	59.9	29	54.7
146	31	12.9	31	07.7	30	59.9	30	52.4	30	45.2	30	38.1	30	31.2	30	24.5	30	18.1	30	12.1	30	06.4	30	01.0	29	55.7	29	50.5
147	31	08.8	31	03.5	30	55.8	30	48.3	30	41.0	30	33.9	30	27.1	30	20.4	30	14.0	30	07.9	30	02.3	29	56.8	29	51.5	29	46.3
148	31	04.7	30	59.4	30	51.7	30	44.2	30	36.9	30	29.8	30	23.0	30	16.3	30	09.9	30	03.8	29	58.1	29	52.7	29	47.4	29	42.2
149	31	00.6	30	55.4	30	47.6	30	40.1	30	32.8	30	25.7	30	18.9	30	12.2	30	05.8	29	59.7	29	54.0	29	48.5	29	43.2	29	38.0
150	30	56.6	30	51.3	30	43.5	30	36.0	30	28.8	30	21.7	30	14.8	30	08.1	30	01.7	29	55.6	29	49.9	29	44.4	29	39.1	29	33.9
151	30	52.5	30	47.3	30	39.5	30	32.0	30	24.7	30	17.6	30	10.7	30	04.0	29	57.6	29	51.5	29	45.8	29	40.3	29	35.0	29	29.8
152	30	48.6	30	43.4	30	35.6	30	28.1	30	20.8	30	13.7	30	05.8	30	00.1	29	53.7	29	47.6	29	41.9	29	36.4	29	31.1	29	25.9
153	30	44.6	30	39.4	30	31.6	30	24.1	30	16.8	30	09.7	30	02.8	29	56.1	29	49.7	29	43.6	29	37.9	29	32.4	29	27.1	29	21.9
154	30	40.7	30	35.4	30	27.6	30	20.1	30	12.8	30	05.7	29	58.8	29	52.1	29	45.7	29	39.6	29	33.9	29	28.4	29	23.1	29	17.9
155	30	36.8	30	31.5	30	23.7	30	16.2	30	08.9	30	01.8	29	54.9	29	48.2	29	41.7	29	35.6	29	29.9	29	24.4	29	19.2	29	14.0
156	30	32.8	30	27.6	30	19.8	30	12.3	30	04.9	29	57.9	29	50.9	29	44.2	29	37.8	29	31.7	29	26.0	29	20.5	29	15.2	29	10.0
157	30	28.9	30	23.7	30	15.9	30	08.4	30	01.0	29	53.9	29	47.0	29	40.3	29	33.9	29	27.7	29	22.0	29	16.5	29	11.3	29	06.1
158	30	25.0	30	19.8	30	12.0	30	04.5	29	57.1	29	50.0	29	43.1	29	36.4	29	29.9	29	23.8	29	18.1	29	12.6	29	07.3	29	02.2
159	30	21.2	30	15.9	30	08.1	30	00.6	29	53.3	29	46.2	29	39.2	29	32.5	29	26.0	29	19.9	29	14.2	29	08.7	29	03.4	28	58.3
160	30	17.4	30	12.1	30	04.3	29	56.8	29	49.4	29	42.3	29	35.4	29	28.6	29	22.2	29	16.0	29	10.3	29	04.8	28	57.6	28	54.4
161	30	13.5	30	08.3	30	00.5	29	52.9	29	45.6	29	38.5	29	31.5	29	24.8	29	18.3	29	12.2	29	06.5	29	01.0	28	55.7	28	50.6
162	30	09.8	30	04.5	29	56.7	29	49.2	29	41.8	29	34.7	29	27.7	29	21.0	29	14.5	29	08.3	29	02.6	28	57.1	28	51.8	28	46.7

Depth  $h =$

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
163	27 06.0	29 00.8	29 53.0	29 45.4	29 38.0	29 30.9	29 24.0	29 17.2	29 10.7	29 04.5	28 58.8	28 53.3	28 48.0	28 42.9
164	30 02.3	29 57.1	29 49.3	29 41.7	29 34.3	29 27.2	29 20.2	29 13.4	29 07.0	29 00.8	28 55.1	28 49.5	28 44.2	28 39.1
165	29 58.7	29 53.4	29 45.6	29 38.0	29 30.6	29 23.5	29 16.5	29 09.7	29 03.2	28 57.0	28 51.3	28 45.8	28 40.5	28 35.3
166	29 55.0	29 49.8	29 41.9	29 34.3	29 26.6	29 19.8	29 12.8	29 06.0	28 59.5	28 53.3	28 47.6	28 42.1	28 36.7	28 31.6
167	29 51.4	29 46.1	29 38.3	29 30.7	29 23.1	29 16.2	29 09.2	29 02.4	28 55.9	28 49.7	28 43.9	28 38.4	28 33.0	28 27.9
168	29 47.8	29 42.6	29 34.7	29 27.1	29 19.7	29 12.6	29 05.6	28 58.8	28 52.2	28 46.0	28 40.3	28 34.7	28 29.4	28 24.2
169	29 44.3	29 39.0	29 31.2	29 23.6	29 16.1	29 09.0	29 02.0	28 55.2	28 48.6	28 42.4	28 36.7	28 31.1	28 25.7	28 20.5
170	29 40.8	29 35.5	29 27.7	29 20.0	29 12.6	29 05.5	28 58.5	28 51.6	28 45.1	28 38.8	28 33.1	28 27.5	28 22.1	28 16.9
171	29 37.3	29 32.0	29 24.2	29 16.5	29 09.1	29 01.9	28 54.9	28 48.1	28 41.5	28 35.3	28 29.5	28 24.0	28 18.5	28 13.3
172	29 33.8	29 28.6	29 20.7	29 13.1	29 05.6	28 58.5	28 51.5	28 44.6	28 38.0	28 31.8	28 26.0	28 20.4	28 15.0	28 09.8
173	29 30.4	29 25.2	29 17.3	29 09.7	29 02.2	28 55.0	28 48.0	28 41.2	28 34.6	28 28.3	28 22.5	28 17.0	28 11.5	28 06.3
174	29 27.1	29 21.8	29 14.0	29 06.3	29 00.8	28 51.6	28 44.6	28 37.8	28 31.2	28 24.9	28 19.1	28 13.5	28 08.0	28 02.8
175	29 23.8	29 18.5	29 10.6	29 03.0	28 55.5	28 48.3	28 41.3	28 34.4	28 27.8	28 21.6	28 15.7	28 10.2	28 04.6	27 59.1
176	29 20.5	29 15.2	29 07.4	28 59.7	28 52.2	28 45.0	28 38.0	28 31.1	28 24.5	28 18.2	28 12.4	28 06.8	28 01.3	27 56.0
177	29 17.3	29 12.0	29 04.1	28 56.4	28 48.9	28 41.8	28 34.8	28 27.9	28 21.3	28 15.0	28 09.1	28 03.5	27 58.0	27 52.6
178	29 14.1	29 08.9	29 01.0	28 53.3	28 45.8	28 38.6	28 31.6	28 24.7	28 18.1	28 11.8	28 05.9	28 00.3	27 54.7	27 49.4
179	29 11.0	29 05.8	28 57.9	28 50.1	28 42.6	28 35.4	28 28.4	28 21.5	28 14.9	28 08.6	28 02.7	27 57.1	27 51.5	27 46.1
180	29 08.0	29 02.7	28 54.8	28 47.1	28 39.6	28 32.4	28 25.4	28 18.5	28 11.9	28 05.5	27 59.6	27 54.0	27 48.4	27 43.0
181	29 05.1	28 59.8	28 51.9	28 44.2	28 36.7	28 29.5	28 22.5	28 15.6	28 09.0	28 02.7	27 56.8	27 51.2	27 45.6	27 40.2
182	29 02.2	28 56.9	28 49.0	28 41.3	28 33.8	28 26.6	28 19.6	28 12.7	28 06.1	27 59.8	27 53.9	27 48.3	27 42.8	27 37.4
183	28 59.5	28 54.2	28 46.3	28 38.6	28 31.1	28 24.0	28 17.0	28 10.1	28 03.5	27 57.2	27 51.3	27 45.7	27 40.2	27 34.8
184	28 56.8	28 51.5	28 43.6	28 35.9	28 28.5	28 21.3	28 14.3	28 07.4	28 00.8	27 54.5	27 48.7	27 43.1	27 37.6	27 32.2
185	28 54.2	28 48.9	28 41.0	28 33.4	28 25.9	28 18.7	28 11.7	28 04.8	27 58.2	27 52.0	27 46.1	27 40.6	27 35.0	27 29.8
186	28 51.7	28 46.4	28 38.6	28 30.9	28 23.4	28 16.2	28 09.2	28 02.4	27 55.8	27 49.5	27 43.7	27 38.1	27 32.6	27 27.4
187	28 49.3	28 44.0	28 36.2	28 28.5	28 21.0	28 13.9	28 06.9	28 00.0	27 53.4	27 47.2	27 41.4	27 35.8	27 30.3	27 25.1

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
132	27 30.0	27 24.6	27 16.6	27 08.8	27 01.2	26 53.9	26 46.6	26 39.5	26 32.7	26 26.3	26 20.3	26 14.4	26 08.6	26 02.8
133	27 32.0	27 26.6	27 18.6	27 10.9	27 03.3	26 55.9	26 48.6	26 41.5	26 34.8	26 28.4	26 22.3	26 16.4	26 10.7	26 04.9
134	27 33.9	27 28.5	27 20.5	27 12.8	27 05.2	26 57.8	26 50.5	26 43.5	26 36.7	26 30.3	26 24.2	26 18.4	26 12.6	26 06.8
135	27 35.9	27 30.5	27 22.5	27 14.8	27 07.2	26 59.8	26 52.5	26 45.5	26 38.7	26 32.3	26 26.2	26 20.4	26 14.6	26 08.8
136	27 37.8	27 32.4	27 24.4	27 16.7	27 09.1	27 01.7	26 54.5	26 47.4	26 40.6	26 34.2	26 28.1	26 22.3	26 16.5	26 10.7
137	27 39.8	27 34.4	27 26.4	27 18.7	27 11.1	27 03.7	26 56.4	26 49.4	26 42.6	26 36.2	26 30.1	26 24.3	26 18.5	26 12.7
138	27 41.7	27 36.3	27 28.3	27 20.6	27 13.0	27 05.6	26 58.3	26 51.3	26 44.5	26 38.1	26 32.0	26 26.2	26 20.4	26 14.6
139	27 43.7	27 38.3	27 30.3	27 22.6	27 15.0	27 07.6	27 00.3	26 53.2	26 46.5	26 40.1	26 34.0	26 28.1	26 22.4	26 16.6
140	27 45.6	27 40.2	27 32.2	27 24.5	27 16.9	27 09.5	27 02.2	26 55.1	26 48.4	26 42.0	26 35.9	26 30.0	26 24.3	26 18.5
141	27 47.6	27 42.2	27 34.2	27 26.4	27 18.8	27 11.5	27 04.2	26 57.1	26 50.3	26 43.9	26 37.7	26 31.9	26 26.2	26 20.4
142	27 49.5	27 44.1	27 36.1	27 28.3	27 20.7	27 13.4	27 06.1	26 59.0	26 52.2	26 45.8	26 39.7	26 33.9	26 28.1	26 22.3

Depth  $h =$ 

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	s	m	s	m	s	m	s	m	s	m	s	m	s
143	27 51.4	27 46.0	27 38.0	27 30.2	27 22.6	27 15.3	27 08.0	27 00.9	26 54.1	26 47.7	26 41.6	26 35.8	26 30.0	26 24.2
144	27 53.4	27 48.0	27 40.0	27 32.2	27 24.6	27 17.2	27 10.0	27 02.9	26 56.1	26 49.7	26 43.6	26 37.7	26 32.0	26 26.2
145	27 55.3	27 49.9	27 41.9	27 34.1	27 26.5	27 19.1	27 11.9	27 04.8	26 58.0	26 51.6	26 45.5	26 39.6	26 33.8	26 28.0
146	27 57.3	27 51.9	27 43.9	27 36.1	27 28.5	27 21.1	27 13.9	27 06.8	27 00.0	26 53.6	26 47.5	26 41.6	26 35.8	26 30.0
147	27 59.2	27 53.8	27 45.8	27 38.0	27 30.4	27 23.0	27 15.8	27 08.7	27 01.9	26 55.5	26 49.4	26 43.5	26 37.7	26 31.9
148	28 01.1	27 55.7	27 47.7	27 39.9	27 32.3	27 24.9	27 17.7	27 10.6	27 03.8	26 57.4	26 51.3	26 45.4	26 39.6	26 33.8
149	28 03.1	27 57.7	27 49.7	27 41.9	27 34.3	27 26.9	27 19.7	27 12.6	27 05.8	26 59.4	26 53.3	26 47.4	26 41.6	26 35.9
150	28 05.0	27 59.6	27 51.6	27 43.8	27 36.2	27 28.9	27 21.6	27 14.5	27 07.7	27 01.3	26 55.2	26 49.4	26 43.6	26 37.8
151	28 07.0	28 01.6	27 53.6	27 45.8	27 38.2	27 30.9	27 23.6	27 16.5	27 09.7	27 03.3	26 57.3	26 51.4	26 45.6	26 39.8
152	28 08.9	28 03.5	27 55.5	27 47.7	27 40.2	27 32.8	27 25.5	27 18.4	27 11.6	27 05.2	26 59.2	26 53.3	26 47.5	26 41.8
153	28 10.8	28 05.4	27 57.4	27 49.6	27 42.0	27 34.7	27 27.4	27 20.3	27 13.5	27 07.1	27 01.1	26 55.2	26 49.4	26 43.7
154	28 12.6	28 07.2	27 59.2	27 51.4	27 43.8	27 36.5	27 29.2	27 22.0	27 15.3	27 08.9	27 02.9	26 57.0	26 51.2	26 45.4
155	28 14.5	28 09.1	28 01.1	27 53.3	27 45.7	27 38.4	27 31.1	27 24.0	27 17.2	27 10.8	27 04.7	26 58.9	26 53.1	26 47.3
156	28 16.3	28 10.9	28 02.9	27 55.1	27 47.5	27 40.2	27 32.9	27 25.8	27 19.0	27 12.6	27 06.5	27 00.7	26 54.9	26 49.1
157	28 18.1	28 12.7	28 04.7	27 56.9	27 49.3	27 41.9	27 34.7	27 27.6	27 20.8	27 14.4	27 08.3	27 02.4	26 56.6	26 50.9
158	28 19.9	28 14.5	28 06.5	27 58.7	27 51.1	27 43.7	27 36.5	27 29.4	27 22.6	27 16.2	27 10.1	27 04.2	26 58.4	26 52.6
159	28 21.7	28 16.3	28 08.3	28 00.5	27 52.9	27 45.5	27 38.2	27 31.1	27 24.3	27 17.9	27 11.8	27 06.0	27 00.2	26 54.4
160	28 23.5	28 18.1	28 10.1	28 02.3	27 54.7	27 47.3	27 40.0	27 32.9	27 26.1	27 19.7	27 13.6	27 07.7	27 01.9	26 56.1
161	28 25.2	28 19.8	28 11.8	28 04.0	27 56.4	27 49.0	27 41.7	27 34.6	27 27.8	27 21.4	27 15.3	27 09.4	27 03.6	26 57.7
162	28 26.9	28 21.5	28 13.5	28 05.7	27 58.1	27 50.7	27 43.3	27 36.2	27 29.4	27 23.0	27 16.9	27 11.0	27 05.1	26 59.3
163	28 28.6	28 23.2	28 15.2	28 07.4	27 59.8	27 52.3	27 45.0	27 37.9	27 31.1	27 24.7	27 18.5	27 12.6	27 06.8	27 01.0
164	28 30.3	28 24.9	28 16.9	28 09.1	28 01.4	27 54.0	27 46.7	27 39.5	27 32.7	27 26.3	27 20.2	27 14.2	27 08.4	27 02.6
165	28 32.0	28 26.6	28 18.6	28 10.7	28 03.1	27 55.7	27 48.3	27 41.2	27 34.4	27 28.0	27 21.8	27 15.9	27 10.0	27 04.2
166	28 33.7	28 28.3	28 20.3	28 12.4	28 04.9	27 57.4	27 50.0	27 42.9	27 36.0	27 29.6	27 23.5	27 17.5	27 11.6	27 05.8
167	28 35.3	28 29.9	28 21.9	28 14.0	28 06.4	27 58.9	27 51.6	27 44.5	27 37.6	27 31.2	27 25.0	27 19.1	27 13.2	27 07.3
168	28 36.8	28 31.4	28 23.4	28 15.5	28 07.9	28 00.4	27 53.1	27 46.0	27 39.1	27 32.7	27 26.5	27 20.5	27 14.6	27 08.7
169	28 38.1	28 32.7	28 24.7	28 16.8	28 09.2	28 01.7	27 54.4	27 47.2	27 40.4	27 33.9	27 27.7	27 21.8	27 15.8	27 09.9
170	28 39.4	28 34.0	28 26.0	28 18.1	28 10.4	28 03.0	27 55.6	27 48.5	27 41.6	27 35.2	27 29.3	27 23.0	27 17.1	27 11.1
171	28 40.6	28 35.2	28 27.2	28 19.3	28 11.6	28 04.1	27 56.8	27 49.7	27 42.8	27 36.4	27 30.2	27 24.2	27 18.2	27 12.2
172	28 41.7	28 36.3	28 28.3	28 20.4	28 12.7	28 05.2	27 57.9	27 50.8	27 43.9	27 37.4	27 30.3	27 25.3	27 17.9	27 12.0
173	28 42.8	28 37.4	28 29.4	28 21.5	28 13.8	28 06.3	27 59.0	27 51.9	27 45.0	27 38.4	27 31.5	27 26.3	27 19.1	27 13.2
174	28 43.8	28 38.4	28 30.4	28 22.5	28 14.8	28 07.3	28 00.0	27 52.9	27 46.0	27 39.4	27 32.8	27 27.3	27 20.6	27 14.6
175	28 44.6	28 39.2	28 31.2	28 23.3	28 15.6	28 08.1	28 00.8	27 53.7	27 46.8	27 40.2	27 34.0	27 28.0	27 22.0	27 16.0
176	28 45.3	28 39.9	28 31.9	28 24.0	28 16.3	28 08.8	28 01.5	27 54.4	27 47.4	27 41.0	27 35.2	27 29.1	27 23.3	27 17.3
177	28 45.8	28 40.4	28 32.4	28 24.5	28 16.8	28 09.2	28 02.0	27 54.8	27 47.9	27 41.5	27 36.0	27 29.6	27 24.2	27 18.2
178	28 46.3	28 40.9	28 32.9	28 25.0	28 17.2	28 09.7	28 02.4	27 55.3	27 48.4	27 41.9	27 36.6	27 29.6	27 24.9	27 18.8
179	28 46.5	28 41.1	28 33.1	28 25.2	28 17.4	28 09.9	28 02.6	27 55.5	27 48.6	27 42.1	27 36.5	27 29.8	27 24.7	27 18.7
180	28 46.5	28 41.1	28 33.1	28 25.1	28 17.4	28 09.9	28 02.6	27 55.5	27 48.6	27 42.0	27 35.8	27 29.8	27 23.7	27 17.7

Δ	Depth $h =$																												
	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.05		0.07		0.08		0.09		0.10		0.11		0.12		
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	
110	37 52.0	37 46.7	37 39.0	37 31.5	37 24.3	37 17.2	37 10.4	37 03.7	36 57.4	36 51.5	36 45.9	36 40.5	36 35.2	36 30.1															
111	37 47.6	37 42.3	37 34.6	37 27.1	37 19.9	37 12.8	37 05.9	36 59.2	36 52.9	36 47.0	36 41.3	36 35.9	36 30.6	36 25.5															
112	37 43.2	37 37.9	37 30.1	37 22.7	37 15.4	37 08.3	37 01.4	36 54.8	36 48.4	36 42.4	36 36.8	36 31.3	36 26.0	36 20.9															
113	37 38.8	37 33.5	37 25.7	37 18.2	37 11.0	37 03.9	36 57.0	36 50.3	36 44.0	36 37.9	36 32.2	36 26.7	36 21.4	36 16.3															
114	37 34.4	37 29.1	37 21.3	37 13.8	37 06.5	36 59.4	36 52.5	36 45.8	36 39.5	36 33.4	36 27.7	36 22.2	36 16.9	36 11.7															
115	37 30.0	37 24.7	37 16.9	37 09.4	37 02.1	36 55.0	36 48.0	36 41.4	36 35.0	36 28.9	36 23.2	36 17.6	36 12.3	36 07.1															
116	37 25.6	37 20.3	37 12.5	37 05.0	36 57.7	36 50.6	36 43.6	36 36.9	36 30.6	36 24.4	36 18.7	36 13.1	36 07.8	36 02.6															
117	37 21.2	37 15.9	37 08.0	37 00.6	36 53.2	36 46.1	36 39.2	36 32.5	36 26.1	36 20.0	36 14.2	36 08.6	36 03.3	35 58.1															
118	37 16.8	37 11.5	37 03.6	36 56.2	36 48.8	36 41.7	36 34.7	36 28.1	36 21.7	36 15.5	36 09.7	36 04.1	35 58.8	35 53.6															
119	37 12.4	37 07.1	36 59.2	36 51.7	36 44.4	36 37.3	36 30.3	36 23.6	36 17.2	36 11.0	36 05.2	35 59.6	35 54.3	35 49.1															
120	37 08.0	37 02.7	36 54.8	36 47.3	36 40.0	36 32.9	36 25.9	36 19.2	36 12.8	36 06.6	36 00.8	35 55.2	35 49.9	35 44.6															
121	37 03.6	36 58.3	36 50.4	36 42.9	36 35.6	36 28.5	36 21.4	36 14.8	36 08.4	36 02.1	35 56.3	35 50.7	35 45.4	35 40.1															
122	36 59.2	36 53.9	36 46.0	36 38.5	36 31.1	36 24.0	36 17.0	36 10.4	36 04.0	35 57.7	35 51.9	35 46.3	35 41.0	35 35.7															
123	36 54.8	36 49.5	36 41.6	36 34.1	36 26.7	36 19.6	36 12.6	36 06.0	35 59.5	35 53.3	35 47.5	35 41.9	35 36.6	35 31.3															
124	36 50.4	36 45.1	36 37.2	36 29.7	36 22.3	36 15.2	36 08.2	36 01.6	35 55.1	35 48.9	35 43.1	35 37.4	35 32.1	35 26.8															
125	36 46.0	36 40.7	36 32.8	36 25.3	36 17.9	36 10.8	36 03.8	35 57.2	35 50.7	35 44.5	35 38.6	35 33.0	35 27.7	35 22.4															
126	36 41.6	36 36.3	36 28.0	36 20.9	36 13.5	36 06.4	35 59.4	35 52.8	35 46.3	35 40.1	35 34.2	35 28.6	35 23.3	35 18.0															
127	36 37.2	36 31.9	36 24.0	36 16.5	36 09.1	36 02.0	35 55.0	35 48.4	35 41.9	35 35.7	35 29.9	35 24.2	35 18.9	35 13.6															
128	36 32.8	36 27.5	36 19.6	36 12.1	36 04.7	35 57.6	35 50.6	35 44.0	35 37.5	35 31.3	35 25.5	35 19.9	35 14.6	35 09.2															
129	36 28.4	36 23.1	36 15.2	36 07.7	36 00.4	35 53.3	35 46.2	35 39.6	35 33.2	35 26.9	35 21.1	35 15.5	35 10.2	35 04.9															
130	36 24.0	36 18.7	36 10.8	36 03.3	35 56.0	35 48.9	35 41.9	35 35.2	35 28.8	35 22.5	35 16.7	35 11.1	35 05.8	35 00.5															
131	36 19.6	36 14.3	36 06.4	35 58.9	35 51.6	35 44.5	35 37.5	35 30.8	35 24.4	35 18.1	35 12.3	35 06.7	35 01.4	34 56.1															
132	36 15.2	36 09.9	36 02.0	35 54.6	35 47.2	35 40.1	35 33.1	35 26.5	35 20.0	35 13.8	35 08.0	35 02.4	34 57.1	34 51.8															
133	36 10.8	36 05.5	35 57.6	35 50.2	35 42.8	35 35.7	35 28.7	35 22.1	35 15.6	35 09.4	35 03.6	34 58.0	34 52.7	34 47.4															
134	36 06.4	36 01.1	35 53.2	35 45.8	35 38.4	35 31.3	35 24.3	35 17.7	35 11.3	35 05.0	34 59.3	34 53.7	34 48.4	34 43.1															
135	36 02.0	35 56.7	35 48.8	35 41.4	35 34.0	35 26.9	35 20.0	35 13.3	35 06.9	35 00.7	34 54.9	34 49.4	34 44.1	34 38.8															
136	35 57.6	35 52.3	35 44.5	35 37.0	35 29.7	35 22.6	35 15.6	35 08.9	35 02.5	34 56.3	34 50.6	34 45.0	34 39.7	34 34.4															
137	35 53.2	35 47.9	35 40.1	35 32.6	35 25.3	35 18.2	35 11.2	35 04.6	34 58.1	34 52.0	34 46.2	34 40.7	34 35.4	34 30.1															
138	35 48.8	35 43.5	35 35.7	35 28.2	35 20.9	35 13.8	35 06.9	35 00.2	34 53.8	34 47.6	34 41.9	34 36.3	34 31.0	34 25.8															
139	35 44.4	35 39.1	35 31.3	35 23.8	35 16.5	35 09.4	35 02.5	34 55.8	34 49.4	34 43.3	34 37.5	34 32.0	34 26.7	34 21.5															
140	35 40.0	35 34.7	35 26.9	35 19.4	35 12.1	35 05.0	34 58.1	34 51.5	34 45.0	34 38.9	34 33.2	34 27.7	34 22.4	34 17.1															
141	35 35.4	35 30.1	35 22.3	35 14.9	35 07.6	35 00.5	34 53.6	34 46.9	34 40.5	34 34.4	34 28.7	34 23.2	34 17.9	34 12.6															
142	35 30.9	35 25.7	35 17.9	35 10.4	35 03.1	34 56.0	34 49.1	34 42.5	34 36.1	34 29.9	34 24.3	34 18.8	34 13.5	34 08.2															
143	35 26.5	35 21.3	35 13.5	35 06.0	34 58.8	34 51.7	34 44.8	34 38.1	34 31.7	34 25.6	34 19.9	34 14.5	34 09.2	34 03.9															
144	35 22.2	35 17.0	35 09.2	35 01.7	34 54.5	34 47.4	34 40.5	34 33.8	34 27.4	34 21.3	34 15.7	34 10.2	34 04.9	33 59.7															
145	35 18.0	35 12.7	35 05.0	34 57.5	34 50.2	34 43.1	34 36.3	34 29.6	34 23.2	34 17.0	34 11.5	34 06.0	34 00.7	33 55.5															
146	35 13.7	35 08.5	35 00.8	34 53.3	34 46.0	34 38.9	34 32.1	34 25.4	34 19.0	34 13.0	34 07.3	34 01.9	33 56.6	33 51.4															
147	35 09.5	35 04.3	34 56.6	34 49.1	34 41.9	34 34.8	34 27.9	34 21.2	34 14.8	34 08.8	34 03.2	33 57.7	33 52.4	33 47.2															
148	35 05.4	35 00.1	34 52.4	34 44.9	34 37.7	34 30.6	34 23.8	34 17.1	34 10.7	34 04.7	33 59.0	33 53.6	33 48.3	33 43.1															
149	35 01.2	34 55.9	34 48.2	34 40.7	34 33.5	34 26.4	34 19.6	34 12.9	34 06.5	34 00.5	33 54.9	33 49.5	33 44.2	33 39.0															
150	34 57.0	34 51.7	34 44.0	34 36.5	34 29.3	34 22.2	34 15.5	34 08.7	34 02.4	33 56.4	33 50.8	33 45.4	33 40.1	33 34.9															

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
151	34 52.4	34 47.2	34 39.5	34 32.0	34 24.8	34 17.7	34 10.9	34 04.2	33 57.8	33 51.9	33 46.3	33 40.9	33 35.6	33 30.4
152	34 48.0	34 42.7	34 35.1	34 27.5	34 20.4	34 13.3	34 06.5	33 59.8	33 53.4	33 47.4	33 41.9	33 36.5	33 31.2	33 25.0
153	34 43.6	34 38.3	34 30.7	34 23.2	34 16.0	34 08.9	34 02.1	33 55.4	33 49.0	33 43.1	33 37.5	33 32.1	33 26.8	33 21.6
154	34 39.2	34 34.0	34 26.3	34 18.8	34 11.6	34 04.5	33 57.8	33 51.0	33 44.7	33 38.7	33 33.1	33 27.8	33 22.5	33 17.3
155	34 35.0	34 29.7	34 22.0	34 14.5	34 07.3	34 00.2	33 53.5	33 46.8	33 40.4	33 34.4	33 28.8	33 23.5	33 18.2	33 13.0
156	34 30.7	34 25.5	34 17.8	34 10.3	34 03.1	33 56.0	33 49.2	33 42.5	33 36.1	33 30.1	33 24.6	33 19.2	33 13.9	33 08.7
157	34 26.5	34 21.2	34 13.6	34 06.0	33 58.9	33 51.8	33 45.0	33 38.3	33 31.9	33 25.9	33 20.0	33 14.9	33 09.6	33 04.4
158	34 22.3	34 17.0	34 09.4	34 01.9	33 54.7	33 47.6	33 40.8	33 34.0	33 27.7	33 21.7	33 16.1	33 10.7	33 05.4	33 00.2
159	34 18.1	34 12.9	34 05.2	33 57.7	33 50.5	33 43.4	33 36.5	33 29.8	33 23.5	33 17.5	33 11.9	33 06.4	33 01.1	32 56.0
160	34 14.0	34 08.7	34 01.0	33 53.4	33 46.2	33 39.1	33 32.2	33 25.5	33 19.1	33 13.0	33 07.4	33 01.9	32 56.6	32 51.4
161	34 09.6	34 04.4	33 56.6	33 49.1	33 41.8	33 34.7	33 27.9	33 21.1	33 14.7	33 08.6	33 03.0	32 57.5	32 52.2	32 47.0
162	34 05.4	34 00.1	33 52.4	33 44.9	33 37.6	33 30.5	33 23.6	33 16.9	33 10.4	33 04.4	32 58.7	32 53.2	32 47.9	32 42.7
163	34 01.2	33 55.9	33 48.2	33 40.6	33 33.4	33 26.3	33 19.4	33 12.7	33 06.3	33 00.2	32 54.5	32 49.0	32 43.7	32 38.5
164	33 57.0	33 51.8	33 44.0	33 36.5	33 29.2	33 22.1	33 15.2	33 08.5	33 02.1	32 56.0	32 50.3	32 44.9	32 39.6	32 34.4
165	33 53.0	33 47.7	33 39.9	33 32.4	33 25.1	33 18.0	33 11.2	33 04.4	32 58.0	32 51.9	32 46.3	32 40.8	32 35.5	32 30.3
166	33 48.9	33 43.7	33 35.9	33 28.4	33 21.1	33 14.0	33 07.1	33 00.4	32 54.0	32 47.9	32 42.2	32 36.7	32 31.4	32 26.2
167	33 44.9	33 39.6	33 31.8	33 24.4	33 17.1	33 10.0	33 03.1	32 56.4	32 50.0	32 43.9	32 38.2	32 32.7	32 27.4	32 22.2
168	33 40.9	33 35.6	33 27.8	33 20.4	33 13.1	33 06.0	32 59.1	32 52.4	32 46.0	32 39.9	32 34.2	32 28.7	32 23.4	32 18.2
169	33 36.9	33 31.7	33 23.9	33 16.4	33 09.1	33 02.0	32 55.1	32 48.4	32 42.0	32 35.9	32 30.2	32 24.7	32 19.4	32 14.2
170	33 33.0	33 27.7	33 19.9	33 12.5	33 05.2	32 58.1	32 51.2	32 44.5	32 38.2	32 32.1	32 26.4	32 20.9	32 15.6	32 10.4
171	33 28.7	33 23.4	33 15.7	33 08.2	33 00.9	32 53.3	32 46.9	32 40.2	32 33.9	32 27.8	32 22.1	32 16.6	32 11.3	32 06.1
172	33 24.6	33 19.3	33 11.5	33 04.0	32 56.8	32 49.7	32 42.8	32 36.1	32 29.7	32 23.6	32 17.9	32 12.4	32 07.1	32 01.9
173	33 20.6	33 15.3	33 07.5	33 00.1	32 52.7	32 45.6	32 38.7	32 32.0	32 25.6	32 19.5	32 13.8	32 08.3	32 03.0	31 57.8
174	33 16.7	33 11.5	33 03.7	32 56.2	32 49.0	32 41.7	32 34.8	32 28.1	32 21.6	32 15.5	32 09.8	32 04.3	31 59.0	31 53.8
175	33 13.0	33 07.7	32 59.9	32 52.4	32 45.0	32 37.9	32 31.0	32 24.2	32 17.8	32 11.6	32 05.9	32 00.4	31 55.1	31 49.9
176	33 09.3	33 04.0	32 56.2	32 48.6	32 41.3	32 34.2	32 27.2	32 20.4	32 14.0	32 07.8	32 02.1	31 56.6	31 51.2	31 46.1
177	33 05.6	33 00.4	32 52.6	32 45.0	32 37.6	32 30.5	32 23.5	32 16.7	32 10.2	32 04.0	31 58.3	31 52.8	31 47.5	31 42.3
178	33 02.0	32 56.8	32 49.0	32 41.4	32 34.0	32 26.8	32 19.7	32 13.1	32 06.5	32 00.3	31 54.6	31 49.1	31 43.7	31 38.6
179	32 58.5	32 53.2	32 45.4	32 37.8	32 30.4	32 23.3	32 16.3	32 09.4	32 02.9	31 56.7	31 51.0	31 45.5	31 40.1	31 35.0
180	32 55.0	32 49.7	32 41.9	32 34.3	32 26.9	32 19.8	32 12.8	32 05.9	31 59.4	31 53.2	31 47.5	31 42.0	31 36.6	31 31.5
181	32 51.3	32 46.0	32 38.2	32 30.6	32 23.2	32 16.1	32 09.1	32 02.3	31 55.8	31 49.6	31 43.8	31 38.3	31 33.0	31 27.9
182	32 47.6	32 42.4	32 34.6	32 27.0	32 19.6	32 12.5	32 05.5	31 58.6	31 52.1	31 45.9	31 40.2	31 34.7	31 29.4	31 24.3
183	32 44.0	32 38.8	32 31.0	32 23.4	32 16.0	32 08.8	32 01.8	31 55.0	31 48.5	31 42.3	31 36.6	31 31.1	31 25.8	31 20.6
184	32 40.5	32 35.2	32 27.4	32 19.8	32 12.4	32 05.3	31 58.3	31 51.4	31 44.9	31 38.7	31 33.0	31 27.5	31 22.1	31 17.0
185	32 37.0	32 31.7	32 23.9	32 16.3	32 08.8	32 01.7	31 54.7	31 47.9	31 41.4	31 35.1	31 29.4	31 23.9	31 18.5	31 13.3
186	32 33.5	32 28.3	32 20.4	32 12.8	32 05.4	31 58.2	31 51.2	31 44.4	31 37.8	31 31.6	31 25.8	31 20.3	31 14.8	31 09.6
187	32 30.2	32 24.9	32 17.1	32 09.4	32 01.9	31 54.8	31 47.8	31 40.9	31 34.3	31 28.1	31 22.2	31 16.7	31 11.2	31 05.9
188	32 27.0	32 21.7	32 13.8	32 06.1	31 58.6	31 51.4	31 44.4	31 37.5	31 30.9	31 24.6	31 18.7	31 13.1	31 07.5	31 02.1
189	32 23.9	32 18.5	32 10.7	32 02.9	31 55.4	31 48.1	31 41.1	31 34.2	31 27.5	31 21.1	31 15.1	31 09.5	31 03.8	30 58.3
190	32 21.0	32 15.7	32 07.8	32 00.1	31 52.5	31 45.3	31 38.3	31 31.3	31 24.7	31 18.4	31 12.4	31 06.8	31 01.1	30 55.6

Depth  $h =$

	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
191	32	18.2	32	12.9	32	05.0	31	57.2	31	49.7	31	42.4	31	35.4	31	28.4	31	21.6	31	15.4	31	09.4	31	03.8	31	58.1	30	52.5
192	32	15.6	32	10.3	32	02.3	31	54.6	31	47.0	31	39.8	31	32.7	31	25.7	31	19.0	31	12.7	31	06.7	31	01.0	30	55.3	30	49.5
193	32	13.2	32	07.9	31	59.9	31	52.2	31	44.6	31	37.3	31	30.2	31	23.2	31	16.5	31	10.1	31	04.1	30	58.4	30	52.6	30	47.0
194	32	11.0	32	05.7	31	57.7	31	50.0	31	42.4	31	35.0	31	27.9	31	20.9	31	14.2	31	07.8	31	01.7	30	56.0	30	50.3	30	44.6

BRANCH DF

	m		s		m		s		m		s		m		s		m		s		m		s		m		s	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
127	30	56.0	30	50.6	30	42.6	30	34.9	30	27.3	30	19.9	30	12.7	30	05.6	29	58.8	29	52.4	29	46.3	29	40.5	29	34.7	29	29.0
128	30	54.0	30	52.7	30	44.7	30	36.9	30	29.3	30	21.9	30	14.7	30	07.6	30	00.8	29	54.4	29	48.3	29	42.4	29	36.6	29	30.8
129	31	00.0	30	54.7	30	46.7	30	38.9	30	31.3	30	23.9	30	16.6	30	09.5	30	02.7	29	50.2	29	44.3	29	38.5	29	32.7	29	26.9
130	31	02.0	30	56.6	30	48.6	30	40.8	30	33.2	30	25.8	30	18.4	30	11.3	30	04.5	29	58.1	29	52.0	29	46.1	29	40.3	29	34.5
131	31	03.8	30	58.4	30	50.4	30	42.6	30	35.0	30	27.6	30	20.3	30	13.1	30	06.3	29	59.9	29	53.8	29	47.9	29	42.0	29	36.2
132	31	05.6	31	00.2	30	52.2	30	44.4	30	36.8	30	29.4	30	22.1	30	14.9	30	08.1	30	01.7	29	55.6	29	49.7	29	43.8	29	38.0
133	31	07.4	31	02.0	30	54.0	30	46.2	30	38.6	30	31.2	30	23.8	30	16.7	30	09.9	30	03.5	29	57.4	29	51.5	29	45.6	29	39.8
134	31	09.2	31	03.8	30	55.8	30	48.0	30	40.4	30	33.0	30	25.6	30	18.5	30	11.7	30	05.3	29	59.2	29	53.3	29	47.5	29	41.7
135	31	11.0	31	05.6	30	57.6	30	49.8	30	42.2	30	34.8	30	27.5	30	20.4	30	13.6	30	07.2	30	01.1	29	55.1	29	49.3	29	43.5
136	31	12.8	31	07.4	30	59.4	30	51.6	30	44.0	30	36.6	30	29.3	30	22.2	30	15.4	30	09.0	30	02.9	29	57.0	29	51.2	29	45.4
137	31	14.9	31	09.6	31	01.6	30	53.8	30	46.2	30	38.8	30	31.5	30	24.4	30	17.6	30	11.2	30	05.1	29	59.3	29	53.5	29	47.7
138	31	16.9	31	11.6	31	03.6	30	55.8	30	48.2	30	40.8	30	33.3	30	26.5	30	19.7	30	13.3	30	07.2	30	01.4	29	55.6	29	49.8
139	31	18.9	31	13.6	31	05.6	30	57.8	30	50.2	30	42.9	30	35.3	30	28.5	30	21.7	30	15.3	30	09.3	30	03.4	29	57.7	29	51.9
140	31	21.0	31	15.6	31	07.6	30	59.9	30	52.3	30	44.9	30	37.7	30	30.6	30	23.8	30	17.4	30	11.3	30	05.5	29	59.7	29	54.0
141	31	23.6	31	17.7	31	09.7	31	01.9	30	54.3	30	46.9	30	39.7	30	32.6	30	25.8	30	19.4	30	13.4	30	07.5	30	01.8	29	56.0
142	31	25.0	31	19.7	31	11.7	31	03.9	30	56.3	30	48.9	30	41.7	30	34.6	30	27.9	30	21.5	30	15.4	30	09.5	30	03.8	29	58.0
143	31	27.0	31	21.7	31	13.7	31	05.9	30	58.3	30	50.9	30	43.7	30	36.6	30	29.8	30	23.4	30	17.4	30	11.5	30	05.7	30	00.0
144	31	29.0	31	23.7	31	15.7	31	07.9	31	00.3	30	52.9	30	45.7	30	38.6	30	31.8	30	25.4	30	19.3	30	13.5	30	07.7	30	01.9
145	31	31.0	31	25.6	31	17.6	31	09.8	31	02.2	30	54.9	30	47.6	30	40.5	30	33.7	30	27.3	30	21.2	30	15.4	30	09.6	30	03.8
146	31	32.9	31	27.5	31	19.5	31	11.7	31	04.1	30	56.7	30	49.5	30	42.4	30	35.6	30	29.2	30	23.1	30	17.2	30	11.4	30	05.6
147	31	34.6	31	29.2	31	21.2	31	13.4	31	05.8	30	58.4	30	51.1	30	44.1	30	37.3	30	30.9	30	24.8	30	18.9	30	13.1	30	07.3
148	31	36.4	31	31.0	31	23.0	31	15.2	31	07.6	31	00.2	30	52.9	30	45.8	30	39.1	30	32.7	30	26.6	30	20.7	30	14.9	30	09.1
149	31	38.2	31	32.8	31	24.8	31	17.0	31	09.4	31	02.0	30	54.7	30	47.6	30	40.8	30	34.4	30	28.4	30	22.5	30	16.7	30	10.9
150	31	40.0	31	34.6	31	26.6	31	18.8	31	11.2	31	03.8	30	56.5	30	49.4	30	42.6	30	36.2	30	30.1	30	24.2	30	18.5	30	12.7
151	31	41.8	31	36.4	31	28.4	31	20.6	31	13.0	31	05.6	30	58.5	30	51.2	30	44.4	30	38.0	30	31.9	30	26.0	30	20.2	30	14.4
152	31	43.6	31	38.2	31	30.2	31	22.4	31	14.8	31	07.4	31	00.1	30	53.0	30	46.2	30	39.8	30	33.7	30	27.8	30	22.0	30	16.2
153	31	45.4	31	40.0	31	32.0	31	24.2	31	16.6	31	09.2	31	01.9	30	54.8	30	48.0	30	41.6	30	35.5	30	29.6	30	23.8	30	18.0
154	31	47.2	31	41.8	31	33.8	31	26.0	31	18.4	31	11.0	31	03.7	30	56.6	30	49.8	30	43.4	30	37.3	30	31.4	30	25.6	30	19.8
155	31	49.0	31	43.6	31	35.6	31	27.8	31	20.2	31	12.8	31	05.5	30	58.4	30	51.6	30	45.2	30	39.1	30	33.2	30	27.4	30	21.6
156	31	50.8	31	45.4	31	37.4	31	29.6	31	22.0	31	14.6	31	07.3	30	60.2	30	53.4	30	47.0	30	40.9	30	35.0	30	29.2	30	23.4
157	31	52.6	31	47.3	31	39.3	31	31.5	31	23.9	31	16.5	31	09.2	30	62.0	30	55.2	30	48.9	30	42.8	30	36.8	30	31.1	30	25.3
158	31	54.4	31	49.1	31	41.1	31	33.3	31	25.7	31	18.3	31	11.0	30	63.8	30	57.0	30	50.6	30	44.5	30	38.6	30	32.8	30	27.0

Depth  $h =$

$\Delta$	TIMES OF											
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
159	31 56.2	31 50.9	31 42.8	31 35.0	31 27.4	31 20.0	31 12.7	31 05.6	30 58.8	30 52.4	30 46.3	30 40.4
160	31 58.0	31 52.6	31 44.6	31 36.8	31 29.2	31 21.8	31 14.5	31 07.4	31 00.5	30 54.1	30 48.0	30 42.1
161	31 59.7	31 54.3	31 46.3	31 38.5	31 30.9	31 23.5	31 16.2	31 09.1	31 02.2	30 55.8	30 49.7	30 43.8
162	32 01.3	31 56.0	31 48.0	31 40.2	31 32.5	31 25.1	31 17.8	31 10.7	31 03.9	30 57.5	30 51.3	30 45.4
163	32 02.9	31 57.6	31 49.6	31 41.8	31 34.1	31 26.7	31 19.4	31 12.3	31 05.5	30 59.0	30 52.9	30 47.0
164	32 04.5	31 59.1	31 51.1	31 43.3	31 35.7	31 28.2	31 20.9	31 13.8	31 07.0	31 00.5	30 54.4	30 48.5
165	32 06.0	32 00.6	31 52.5	31 44.8	31 37.1	31 29.7	31 22.4	31 15.3	31 08.4	31 02.0	30 55.9	30 49.9
166	32 07.3	32 02.0	31 54.0	31 46.1	31 38.5	31 31.1	31 23.7	31 16.6	31 09.8	31 03.3	30 57.2	30 51.2
167	32 08.5	32 03.2	31 55.2	31 47.3	31 39.7	31 32.2	31 24.9	31 17.8	31 10.9	31 04.5	30 58.3	30 52.4
168	32 09.7	32 04.4	31 56.4	31 48.5	31 40.9	31 33.4	31 26.1	31 19.0	31 12.1	31 05.7	30 59.5	30 53.5
169	32 10.9	32 05.5	31 57.5	31 49.6	31 42.0	31 34.5	31 27.2	31 20.1	31 13.2	31 06.8	31 00.6	30 54.6
170	32 12.0	32 06.6	31 58.6	31 50.7	31 43.0	31 35.6	31 28.2	31 21.1	31 14.2	31 07.8	31 01.6	30 55.6
171	32 12.9	32 07.6	31 59.6	31 51.7	31 44.0	31 36.5	31 29.2	31 22.1	31 15.2	31 08.7	31 02.5	30 56.5
172	32 13.8	32 08.5	32 00.5	31 52.6	31 44.9	31 37.4	31 30.1	31 23.0	31 16.1	31 09.6	31 03.4	30 57.4
173	32 14.7	32 09.3	32 01.3	31 53.4	31 45.7	31 38.2	31 30.9	31 23.8	31 16.9	31 10.4	31 04.1	30 58.1
174	32 15.4	32 10.0	32 02.0	31 54.1	31 46.4	31 38.9	31 31.6	31 24.4	31 17.5	31 11.0	31 04.8	30 58.8
175	32 16.0	32 10.6	32 02.6	31 54.7	31 47.0	31 39.4	31 32.2	31 25.0	31 18.1	31 11.6	31 05.4	30 59.3
176	32 16.4	32 11.1	32 03.1	31 55.1	31 47.4	31 39.9	31 32.6	31 25.5	31 18.6	31 12.0	31 05.8	30 59.8
177	32 16.8	32 11.4	32 03.4	31 55.5	31 47.7	31 40.2	31 32.9	31 25.8	31 18.9	31 12.4	31 06.1	31 00.1
178	32 17.0	32 11.6	32 03.6	31 55.7	31 47.9	31 40.4	31 33.1	31 26.0	31 19.1	31 12.6	31 06.3	31 00.3
179	32 17.0	32 11.7	32 03.6	31 55.7	31 48.0	31 40.5	31 33.2	31 26.0	31 19.1	31 12.6	31 06.3	31 00.3
180	32 17.0	32 11.6	32 03.5	31 55.6	31 47.9	31 40.4	31 33.1	31 25.9	31 19.0	31 12.5	31 06.2	31 00.2

Depth  $h =$

$\Delta$

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
112	29 12.0	29 02.9	28 48.9	28 35.3	28 22.0	28 08.9	27 56.3	27 44.0	27 32.3	27 21.0	27 10.2	26 59.9	26 49.8	26 40.3
113	29 19.1	29 10.0	28 56.1	28 42.5	28 29.3	28 16.3	28 03.8	27 51.5	27 39.8	27 28.7	27 18.0	27 07.7	26 57.8	26 48.4
114	29 26.4	29 17.3	29 03.5	28 50.0	28 36.8	28 23.9	28 11.5	27 59.3	27 47.7	27 36.6	27 26.1	27 16.0	27 06.2	26 56.9
115	29 34.0	29 25.0	29 11.2	28 57.8	28 44.6	28 31.8	28 19.5	28 07.4	27 55.9	27 44.9	27 34.5	27 24.5	27 14.9	27 05.7
116	29 41.7	29 32.7	29 19.1	29 05.6	28 52.5	28 39.8	28 27.5	28 15.6	28 04.1	27 53.2	27 42.9	27 33.0	27 23.6	27 14.5
117	29 49.6	29 40.6	29 27.0	29 13.6	29 00.6	28 47.9	28 35.6	28 23.8	28 12.3	28 01.4	27 51.2	27 41.4	27 32.0	27 23.0
118	29 57.6	29 48.6	29 35.0	29 21.7	29 08.6	28 56.0	28 43.7	28 32.0	28 20.5	28 09.6	27 59.4	27 49.7	27 40.3	27 31.4
119	30 05.7	29 56.7	29 43.1	29 30.1	29 17.0	29 04.2	28 52.0	28 40.2	28 28.8	28 17.9	28 07.8	27 58.1	27 48.8	27 39.9
120	30 14.0	30 05.0	29 51.4	29 38.1	29 25.1	29 12.5	29 00.3	28 48.5	28 37.1	28 26.3	28 16.2	28 06.5	27 57.2	27 48.3
121	30 22.2	30 13.2	29 59.6	29 46.3	29 33.2	29 20.6	29 08.3	28 56.5	28 45.1	28 34.2	28 24.0	28 14.3	28 04.9	27 56.0
122	30 30.2	30 21.2	30 07.6	29 54.2	29 41.1	29 28.4	29 16.2	29 04.2	28 52.9	28 42.0	28 31.7	28 21.9	28 12.5	28 03.5
123	30 38.3	30 29.3	30 15.7	30 02.4	29 49.3	29 36.7	29 24.4	29 12.6	29 01.2	28 50.3	28 40.1	28 30.4	28 21.0	28 12.1
124	30 46.5	30 37.5	30 23.9	30 10.6	29 57.6	29 45.0	29 32.8	29 21.0	29 09.6	28 58.6	28 48.7	28 39.0	28 29.7	28 20.8
125	30 54.7	30 45.7	30 32.1	30 18.8	30 05.8	29 53.2	29 41.0	29 29.2	29 17.8	29 07.0	28 57.0	28 47.3	28 38.0	28 29.1
126	31 02.9	30 53.9	30 40.3	30 27.0	30 14.0	30 01.4	29 49.2	29 37.4	29 26.0	29 15.2	29 05.1	28 55.4	28 46.1	28 37.2
127	31 11.2	31 02.2	30 48.6	30 35.3	30 22.3	30 09.7	29 57.5	29 45.7	29 34.3	29 23.5	29 13.4	29 03.7	28 54.4	28 45.5
128	31 19.4	31 10.4	30 56.8	30 43.5	30 30.5	30 17.9	30 05.7	29 53.9	29 42.5	29 31.7	29 21.6	29 11.9	29 02.6	28 53.7
129	31 27.7	31 18.7	31 05.1	30 51.8	30 38.8	30 26.2	30 14.0	30 02.2	29 50.8	29 40.0	29 29.9	29 20.2	29 10.9	29 02.0
130	31 36.0	31 27.0	31 13.4	31 00.1	30 47.1	30 34.5	30 22.3	30 10.5	29 59.1	29 48.3	29 38.2	29 28.5	29 19.2	29 10.3
131	31 44.2	31 35.2	31 21.6	31 08.3	30 55.3	30 42.7	30 30.5	30 18.7	30 07.3	29 56.5	29 46.4	29 36.7	29 27.4	29 18.5
132	31 52.5	31 43.5	31 29.9	31 16.6	31 03.6	30 51.0	30 38.8	30 27.0	30 15.6	30 04.8	29 54.7	29 45.0	29 35.7	29 26.8
133	32 00.8	31 51.8	31 38.2	31 24.9	31 11.9	30 59.3	30 47.1	30 35.3	30 23.9	30 13.1	30 03.0	29 53.3	29 44.0	29 35.1
134	32 09.1	32 00.1	31 46.5	31 33.2	31 20.2	31 07.6	30 55.4	30 43.6	30 32.2	30 21.4	30 11.3	30 01.6	29 52.3	29 43.4
135	32 17.5	32 08.5	31 54.9	31 41.6	31 28.6	31 16.0	31 03.8	30 52.0	30 40.6	30 29.8	30 19.7	30 10.0	30 00.7	29 51.8
136	32 25.8	32 16.8	32 03.2	31 49.9	31 36.9	31 24.3	31 12.1	31 00.3	30 48.9	30 38.1	30 28.0	30 18.3	30 09.0	30 00.1
137	32 34.1	32 25.1	32 11.5	31 58.2	31 45.2	31 32.6	31 20.4	31 08.6	30 57.2	30 46.4	30 36.3	30 26.6	30 17.3	30 08.4
138	32 42.4	32 33.4	32 19.8	32 06.5	31 53.5	31 40.9	31 28.7	31 16.9	31 05.5	30 54.7	30 44.6	30 34.9	30 25.6	30 16.7
139	32 50.7	32 41.7	32 28.1	32 14.8	32 01.8	31 49.2	31 37.0	31 25.2	31 13.8	31 03.0	30 52.9	30 43.2	30 33.9	30 25.0
140	32 59.0	32 50.0	32 36.4	32 23.1	32 10.1	31 57.5	31 45.3	31 33.5	31 22.1	31 11.3	31 01.2	30 51.5	30 42.2	30 33.3

BRANCH

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
112	29 12.0	29 02.9	28 48.9	28 35.2	28 21.8	28 08.7	27 56.0	27 43.7	27 32.0	27 20.7	27 09.8	26 59.4	26 49.3	26 39.7
113	29 17.8	29 08.7	28 54.7	28 41.0	28 27.6	28 14.4	28 01.7	27 49.4	27 37.6	27 26.3	27 15.4	27 04.9	26 54.8	26 45.2
114	29 23.5	29 14.4	29 00.3	28 46.6	28 33.1	28 20.0	28 07.2	27 54.8	27 43.1	27 31.7	27 20.7	27 10.2	27 00.1	26 50.4
115	29 29.0	29 19.9	29 05.8	28 52.1	28 38.6	28 25.4	28 12.6	28 00.2	27 48.4	27 37.0	27 26.0	27 15.5	27 05.3	26 55.5
116	29 34.2	29 25.1	29 11.0	28 57.2	28 43.7	28 30.5	28 17.7	28 05.2	27 53.5	27 42.0	27 31.1	27 20.5	27 10.2	27 00.5
117	29 39.4	29 30.3	29 16.2	29 02.4	28 48.9	28 35.7	28 22.8	28 10.3	27 58.6	27 47.1	27 36.1	27 25.5	27 15.3	27 05.5
118	29 44.3	29 35.2	29 21.0	29 07.3	28 53.7	28 40.5	28 27.7	28 15.1	28 03.3	27 51.9	27 40.9	27 30.3	27 20.0	27 10.2

TIMES OF SCSB  
 BRANCH

Δ	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
119	m 29 49.2	m 29 40.1	m 29 25.9	m 29 12.1	m 28 58.6	m 28 45.4	m 28 32.5	m 28 19.9	m 28 08.1	m 27 56.6	m 27 45.7	m 27 35.0	m 27 24.7	m 27 14.8
120	m 29 54.0	m 29 44.7	m 29 30.7	m 29 16.9	m 29 03.3	m 28 50.1	m 28 37.2	m 28 24.6	m 28 12.8	m 28 01.3	m 27 50.3	m 27 39.6	m 27 29.3	m 27 19.4
121	m 29 59.6	m 29 49.5	m 29 35.3	m 29 21.5	m 29 07.9	m 28 54.6	m 28 41.7	m 28 29.1	m 28 17.3	m 28 05.7	m 27 54.7	m 27 44.0	m 27 33.7	m 27 23.8
122	m 30 03.3	m 29 54.2	m 29 40.3	m 29 26.2	m 29 12.6	m 28 59.4	m 28 46.4	m 28 33.8	m 28 22.0	m 28 10.5	m 27 59.4	m 27 48.7	m 27 38.4	m 27 28.5
123	m 30 07.9	m 29 58.8	m 29 44.6	m 29 30.8	m 29 17.2	m 29 03.9	m 28 51.0	m 28 38.4	m 28 26.6	m 28 15.0	m 28 04.0	m 27 53.3	m 27 43.0	m 27 33.1
124	m 30 12.5	m 30 03.4	m 29 49.2	m 29 35.3	m 29 21.7	m 29 08.5	m 28 55.5	m 28 42.9	m 28 31.0	m 28 19.5	m 28 08.5	m 27 57.7	m 27 47.4	m 27 37.4
125	m 30 17.0	m 30 07.9	m 29 53.7	m 29 39.8	m 29 26.2	m 29 12.9	m 29 00.0	m 28 47.3	m 28 35.4	m 28 23.8	m 28 12.8	m 28 02.6	m 27 51.7	m 27 41.7
126	m 30 21.4	m 30 12.3	m 29 58.1	m 29 44.2	m 29 30.6	m 29 17.3	m 29 04.3	m 28 51.7	m 28 39.8	m 28 28.2	m 28 17.2	m 28 06.4	m 27 56.1	m 27 46.1
127	m 30 25.8	m 30 16.7	m 30 02.5	m 29 48.6	m 29 35.0	m 29 21.7	m 29 08.8	m 28 56.1	m 28 44.3	m 28 32.6	m 28 21.6	m 28 10.8	m 28 00.5	m 27 50.5
128	m 30 30.2	m 30 21.1	m 30 06.9	m 29 53.0	m 29 39.4	m 29 26.1	m 29 13.2	m 29 00.5	m 28 48.1	m 28 37.0	m 28 26.0	m 28 15.2	m 28 04.9	m 27 54.9
129	m 30 34.6	m 30 25.5	m 30 11.3	m 29 57.4	m 29 43.8	m 29 30.5	m 29 17.6	m 31 40.5	m 47 25.6	m 47 17.0	m 47 06.0	m 46 55.2	m 46 44.9	m 45 54.9
130	m 30 39.0	m 30 29.9	m 30 15.7	m 30 01.8	m 29 48.2	m 29 34.9	m 29 22.0	m 29 09.3	m 28 57.4	m 28 45.8	m 28 34.3	m 28 24.0	m 28 13.7	m 28 03.7

Depth  $h =$

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
160	35	34.8	35	25.6	35	17.4	34	57.3	34	43.6	34	30.2	34	17.0	34	04.3	33	52.0	33	40.2	33	29.0	33	18.2	33	07.6	32	57.4
161	35	37.5	35	28.3	35	14.1	35	06.1	34	46.3	34	32.9	34	19.8	34	07.1	33	54.8	33	43.0	33	31.9	33	21.0	33	10.5	33	00.2
162	35	40.5	35	31.3	35	17.1	35	03.1	34	49.4	34	36.0	34	22.8	34	10.1	33	57.8	33	46.1	33	35.0	33	24.1	33	13.6	33	03.4
163	35	43.7	35	34.5	35	20.3	35	06.3	34	52.6	34	39.2	34	26.1	34	13.4	34	01.1	33	49.4	33	38.3	33	27.5	33	16.9	33	06.7
164	35	47.1	35	37.9	35	23.7	35	09.7	34	56.0	34	42.6	34	29.5	34	16.8	34	04.6	33	52.9	33	41.8	33	31.0	33	20.5	33	10.3
165	35	50.5	35	41.3	35	27.1	35	13.1	34	59.4	34	46.1	34	33.0	34	20.3	34	08.1	33	56.4	33	45.3	33	34.5	33	24.0	33	13.8
166	35	54.1	35	44.9	35	30.7	35	16.8	35	03.1	34	49.7	34	36.6	34	23.9	34	11.7	34	00.0	33	49.0	33	38.2	33	27.7	33	17.5
167	35	57.7	35	48.5	35	34.3	35	20.4	35	06.7	34	53.3	34	40.3	34	27.6	34	15.4	34	03.7	33	52.6	33	41.9	33	31.4	33	21.2
168	36	01.4	35	52.2	35	38.0	35	24.1	35	10.4	34	57.1	34	44.0	34	31.3	34	19.1	34	07.5	33	56.4	33	45.6	33	35.2	33	25.1
169	36	05.2	35	56.0	35	41.8	35	27.9	35	14.2	35	00.9	34	47.8	34	35.2	34	23.0	34	11.4	34	00.3	33	49.5	33	39.1	33	29.0
170	36	09.1	35	59.9	35	45.7	35	31.8	35	18.1	35	04.8	34	51.8	34	39.1	34	27.0	34	15.3	34	04.2	33	53.5	33	43.1	33	33.0
171	36	13.0	36	03.8	35	49.6	35	35.7	35	22.1	35	08.7	34	55.7	34	43.0	34	30.9	34	19.3	34	08.2	33	57.5	33	47.0	33	36.9
172	36	16.9	36	07.8	35	53.6	35	39.6	35	26.0	35	12.7	34	59.6	34	47.0	34	34.9	34	23.2	34	12.2	34	01.4	33	51.0	33	40.9
173	36	20.9	36	11.8	35	57.6	35	43.6	35	30.0	35	16.7	35	03.7	34	51.0	34	38.9	34	27.3	34	16.3	34	05.5	33	55.1	33	45.0
174	36	25.0	36	15.9	36	01.7	35	47.8	35	34.1	35	20.8	35	07.9	34	55.1	34	43.1	34	31.5	34	20.4	34	09.7	33	59.3	33	49.2
175	36	29.1	36	20.0	36	05.8	35	51.9	35	38.2	35	24.9	35	11.9	34	59.3	34	47.2	34	35.6	34	24.6	34	13.9	34	03.4	33	53.4
176	36	33.2	36	24.1	36	09.9	35	56.0	35	42.3	35	29.0	35	16.0	35	03.4	34	51.3	34	39.8	34	28.7	34	18.0	34	07.0	33	57.5
177	36	37.4	36	28.3	36	14.1	36	00.2	35	46.5	35	33.2	35	20.3	35	07.6	34	55.6	34	44.0	34	33.0	34	22.2	34	11.0	34	01.0
178	36	41.6	36	32.5	36	18.3	36	04.4	35	50.7	35	37.5	35	24.5	35	11.8	34	59.8	34	48.2	34	37.2	34	26.5	34	16.1	34	06.1
179	36	45.8	36	36.7	36	22.5	36	08.6	35	54.9	35	41.7	35	28.7	35	16.0	35	04.1	34	52.5	34	41.5	34	30.7	34	20.3	34	10.2
180	36	50.0	36	40.9	36	26.7	36	12.8	35	59.2	35	45.9	35	32.9	35	20.3	35	08.3	34	56.7	34	45.7	34	34.9	34	24.6	34	14.6
181	36	54.3	36	45.2	36	31.0	36	17.1	36	03.5	35	50.2	35	37.2	35	24.6	35	12.6	35	01.1	34	50.0	34	39.3	34	29.0	34	18.9
182	36	58.5	36	49.4	36	35.2	36	21.3	36	07.7	35	54.4	35	41.4	35	28.8	35	16.9	35	05.3	34	54.3	34	43.5	34	33.2	34	23.1
183	37	02.8	36	53.7	36	39.5	36	25.6	36	12.0	35	58.7	35	45.9	35	33.1	35	21.2	35	09.6	34	58.6	34	47.8	34	37.5	34	27.5
184	37	07.1	36	58.0	36	43.8	36	29.9	36	16.3	36	03.0	35	50.1	35	37.4	35	25.5	35	13.7	35	02.7	34	52.2	34	41.0	34	31.0
185	37	11.4	37	02.7	36	48.1	36	34.2	36	20.6	36	07.3	35	54.4	35	41.7	35	29.8	35	18.2	35	07.2	34	56.5	34	46.2	34	36.2
186	37	15.7	37	06.6	36	52.4	36	38.5	36	24.9	36	11.6	35	58.7	35	46.1	35	34.1	35	22.0	35	11.0	35	00.0	34	50.0	34	40.0
187	37	20.0	37	10.9	36	56.7	36	42.8	36	29.2	36	16.0	36	03.0	35	50.4	35	38.5	35	26.9	35	15.9	35	05.2	34	54.0	34	44.0
188	37	24.3	37	15.2	37	01.0	36	47.1	36	33.5	36	20.3	36	07.3	35	54.7	35	42.8	35	31.2	35	20.2	35	09.5	34	59.1	34	49.2
189	37	28.7	37	19.6	37	05.4	36	51.5	36	37.9	36	24.7	36	11.7	35	59.1	35	47.2	35	35.7	35	24.0	35	13.3	35	03.0	34	53.6
190	37	33.0	37	23.9	37	09.7	36	55.8	36	42.2	36	29.0	36	16.0	36	03.4	35	51.5	35	40.0	35	28.9	35	18.2	35	07.9	34	57.0
191	37	37.4	37	28.3	37	14.1	37	00.2	36	46.6	36	33.4	36	20.4	36	07.8	35	55.9	35	44.4	35	33.4	35	22.6	35	12.3	35	02.0
192	37	41.7	37	32.6	37	18.4	37	04.6	36	50.9	36	37.7	36	24.8	36	12.1	36	00.2	35	48.7	35	37.7	35	27.0	35	16.6	35	06.7
193	37	46.1	37	37.0	37	22.8	37	09.0	36	55.3	36	42.1	36	29.2	36	16.5	36	04.7	35	53.1	35	42.1	35	31.4	35	21.0	35	11.1
194	37	50.4	37	41.3	37	27.1	37	13.3	36	59.6	36	46.4	36	33.5	36	20.9	36	09.0	35	57.4	35	46.4	35	35.7	35	25.4	35	15.4
195	37	54.8	37	45.7	37	31.5	37	17.7	37	04.0	36	50.8	36	37.0	36	25.3	36	13.4	36	01.9	35	50.0	35	40.1	35	29.8	35	19.3
196	37	59.2	37	50.1	37	35.9	37	22.1	37	08.4	36	55.2	36	42.3	36	29.7	36	17.8	36	06.2	35	55.3	35	44.5	35	34.2	35	24.3
197	38	03.6	37	54.5	37	40.3	37	26.5	37	12.9	36	59.6	36	46.7	36	34.1	36	22.2	36	10.7	35	59.7	35	49.0	35	38.0	35	28.7
198	38	08.0	37	58.9	37	44.7	37	30.9	37	17.3	37	04.0	36	51.1	36	38.5	36	26.6	36	15.1	36	04.1	35	53.4	35	43.1	35	33.1
199	38	12.4	38	03.5	37	49.1	37	35.3	37	21.7	37	08.4	36	55.5	36	42.9	36	31.1	36	19.5	36	08.0	35	57.8	35	47.5	35	37.5
200	38	16.8	38	07.7	37	53.5	37	39.7	37	26.1	37	12.8	36	59.9	36	47.3	36	35.5	36	23.9	36	12.0	35	62.2	35	51.9	35	42.0

Depth  $h =$ 

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
201	38	21.3	38	12.2	37	58.0	37	44.2	37	30.6	37	17.4	37	03.4	36	51.8	36	40.0	36	28.5	36	17.5	36	06.8	35	56.4	35	46.5
202	38	25.8	38	16.7	38	02.5	37	48.7	37	35.1	37	21.9	37	09.0	36	56.3	36	44.5	36	33.0	36	22.0	36	11.3	36	01.0	35	51.0
203	38	30.2	38	21.1	38	06.9	37	53.1	37	39.5	37	26.3	37	13.4	37	00.8	36	48.9	36	37.4	36	26.4	36	15.7	36	05.4	35	55.5
204	38	34.6	38	25.5	38	11.3	37	57.5	37	43.9	37	30.7	37	17.8	37	05.2	36	53.4	36	41.8	36	30.8	36	20.1	36	09.8	35	59.9
205	38	39.1	38	30.0	38	15.8	38	02.0	37	48.4	37	35.2	37	22.3	37	09.7	36	57.9	36	46.4	36	35.4	36	24.7	36	14.4	36	04.5
206	38	43.5	38	34.4	38	20.2	38	06.4	37	52.8	37	39.6	37	26.7	37	14.1	37	02.3	36	50.8	36	39.8	36	29.1	36	18.8	36	08.5

BRANCH D

	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
121	34	19.7	34	10.5	33	56.2	33	42.2	33	28.4	33	14.9	33	01.7	32	49.0	32	36.6	32	24.8	32	13.5	32	02.6	31	51.9	31	41.7				
122	34	21.7	34	12.5	33	58.2	33	44.2	33	30.4	33	16.9	33	03.7	32	50.9	32	38.6	32	26.8	32	15.5	32	04.6	31	53.9	31	43.6				
123	34	23.6	34	14.4	34	00.1	33	46.1	33	32.3	33	18.8	33	05.6	32	52.8	32	40.5	32	28.7	32	17.4	32	06.5	31	55.8	31	45.5				
124	34	25.6	34	16.4	34	02.1	33	48.0	33	34.3	33	20.8	33	07.6	32	54.8	32	42.5	32	30.6	32	19.4	32	08.4	31	57.8	31	47.5				
125	34	27.5	34	18.3	34	04.0	33	49.9	33	36.2	33	22.7	33	09.5	32	56.7	32	44.4	32	32.5	32	21.3	32	10.2	31	59.6	31	49.4				
126	34	29.5	34	20.3	34	06.0	33	51.9	33	38.2	33	24.7	33	11.5	32	58.7	32	46.4	32	34.5	32	23.3	32	12.3	32	01.6	31	51.3				
127	34	31.4	34	22.2	34	07.9	33	53.8	33	40.1	33	26.6	33	13.4	33	00.6	32	48.3	32	36.4	32	25.1	32	14.2	32	03.5	31	53.2				
128	34	33.4	34	24.2	34	09.5	33	55.8	33	42.1	33	28.6	33	15.4	33	02.6	32	50.3	32	38.4	32	27.1	32	16.2	32	05.5	31	55.2				
129	34	35.3	34	26.1	34	11.8	33	57.7	33	43.9	33	30.5	33	17.3	33	04.5	32	52.2	32	40.3	32	29.0	32	18.0	32	07.4	31	57.1				
130	34	37.3	34	28.1	34	13.8	33	59.7	33	45.9	33	32.5	33	19.3	33	06.5	32	54.2	32	42.3	32	31.0	32	20.0	32	09.3	31	59.1				
131	34	39.2	34	30.0	34	15.7	34	01.6	33	47.8	33	34.4	33	21.2	33	08.4	32	56.1	32	44.2	32	32.9	32	21.9	32	11.2	32	00.8				
132	34	41.1	34	31.9	34	17.6	34	03.5	33	49.7	33	36.2	33	23.0	33	10.3	32	58.0	32	46.1	32	34.8	32	23.8	32	13.1	32	02.8				
133	34	43.1	34	33.9	34	19.6	34	05.5	33	51.7	33	38.2	33	25.0	33	12.3	33	00.0	32	48.1	32	36.8	32	25.8	32	15.1	32	04.8				
134	34	45.0	34	35.8	34	21.5	34	07.4	33	53.6	33	40.1	33	26.9	33	14.1	33	01.9	32	50.0	32	38.7	32	27.7	32	17.0	32	06.7				
135	34	47.0	34	37.8	34	23.5	34	09.4	33	55.6	33	42.1	33	28.9	33	16.1	33	03.8	32	52.0	32	40.7	32	29.7	32	19.0	32	08.7				
136	34	48.9	34	39.7	34	25.4	34	11.3	33	57.5	33	44.0	33	30.8	33	18.0	33	05.7	32	53.8	32	42.6	32	31.6	32	20.9	32	10.6				
137	34	50.8	34	41.6	34	27.3	34	13.2	33	59.4	33	45.9	33	32.7	33	19.9	33	07.6	32	55.7	32	44.5	32	33.5	32	22.8	32	12.5				
138	34	52.8	34	43.6	34	29.3	34	15.2	34	01.4	33	47.9	33	34.7	33	21.9	33	09.6	32	57.7	32	46.4	32	35.4	32	24.8	32	14.5				
139	34	54.7	34	45.5	34	31.2	34	17.1	34	03.3	33	49.8	33	36.6	33	23.8	33	11.5	32	59.6	32	48.3	32	37.3	32	26.7	32	16.4				
140	34	56.7	34	47.5	34	33.2	34	19.1	34	05.3	33	51.8	33	38.6	33	25.8	33	13.5	32	01.6	32	50.3	32	39.3	32	28.6	32	18.4				
141	34	58.6	34	49.4	34	35.1	34	21.0	34	07.2	33	53.7	33	40.5	33	27.7	33	15.4	32	03.5	32	52.2	32	41.2	32	30.5	32	20.2				
142	35	00.5	34	51.3	34	37.0	34	22.9	34	09.1	33	55.6	33	42.4	33	29.6	33	17.3	32	05.4	32	54.1	32	43.1	32	32.4	32	22.1				
143	35	02.4	34	53.2	34	38.9	34	24.8	34	11.0	33	57.5	33	44.3	33	31.5	33	19.2	32	07.3	32	56.0	32	45.0	32	34.3	32	24.0				
144	35	04.2	34	55.0	34	40.7	34	26.6	34	12.8	33	59.3	33	46.1	33	33.3	33	21.0	32	09.1	32	57.8	32	46.8	32	36.1	32	25.8				
145	35	06.1	34	56.9	34	42.6	34	28.5	34	14.7	34	01.2	33	48.0	33	35.2	33	22.9	32	11.0	32	59.7	32	48.7	32	38.0	32	27.7				
146	35	07.9	34	58.7	34	44.4	34	30.3	34	16.5	34	03.0	33	49.8	33	37.0	33	24.7	32	12.8	32	01.5	32	50.5	32	39.8	32	29.5				
147	35	09.7	35	00.5	34	46.2	34	32.1	34	18.3	34	04.8	33	51.6	33	38.8	33	26.5	32	14.6	32	03.3	32	52.3	32	41.6	32	31.3				
148	35	11.5	35	02.3	34	48.0	34	33.9	34	20.1	34	06.6	33	53.4	33	40.6	33	28.3	32	16.4	32	05.1	32	54.1	32	43.4	32	33.1				
149	35	13.3	35	04.1	34	49.8	34	35.7	34	21.9	34	08.4	33	55.2	33	42.4	33	30.1	32	18.2	32	06.9	32	55.9	32	45.2	32	34.9				
150	35	15.1	35	05.9	34	51.6	34	37.5	34	23.7	34	10.2	33	57.0	33	44.2	33	31.9	32	20.0	32	08.7	32	57.7	32	47.0	32	36.7				

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
151	35	16.9	35	17.7	34	53.4	34	39.3	34	25.5	34	12.0	33	58.8	33	46.0	33	33.7	33	21.8	33	10.5	32	59.6	32	48.9	32	38.6
152	35	18.6	35	19.4	34	55.1	34	41.0	34	27.2	34	13.7	34	00.5	33	47.7	33	35.4	33	23.5	33	12.2	33	01.3	32	50.6	32	40.3
153	35	20.3	35	21.1	34	56.8	34	42.7	34	28.9	34	15.4	34	02.2	33	49.4	33	37.1	33	25.2	33	13.9	33	03.0	32	52.3	32	42.0
154	35	22.0	35	22.8	34	58.5	34	44.4	34	30.5	34	17.1	34	03.7	33	51.1	33	38.8	33	26.9	33	15.6	33	04.6	32	54.0	32	43.7
155	35	23.7	35	24.5	35	00.2	34	46.1	34	32.3	34	18.8	34	05.6	33	52.8	33	40.5	33	28.6	33	17.3	33	06.3	32	55.6	32	45.3
156	35	25.4	35	26.2	35	01.9	34	47.8	34	34.0	34	20.5	34	07.3	33	54.5	33	42.2	33	30.3	33	19.0	33	08.0	32	57.3	32	47.0
157	35	27.1	35	27.9	35	03.6	34	49.5	34	35.7	34	22.2	34	09.0	33	56.2	33	43.9	33	32.0	33	20.7	33	09.7	32	59.0	32	48.7
158	35	28.7	35	29.5	35	05.2	34	51.1	34	37.3	34	23.8	34	10.6	33	57.8	33	45.5	33	33.6	33	22.3	33	11.3	33	00.6	32	50.3
159	35	30.3	35	31.1	35	06.8	34	52.7	34	38.9	34	25.4	34	12.2	33	59.4	33	47.1	33	35.2	33	23.9	33	12.9	33	02.1	32	51.8
160	35	31.8	35	32.6	35	08.3	34	54.2	34	40.4	34	26.9	34	13.7	34	00.9	33	48.6	33	36.7	33	25.3	33	14.3	33	03.6	32	53.3
161	35	33.3	35	34.1	35	09.8	34	55.7	34	41.9	34	28.4	34	15.2	34	02.4	33	50.1	33	38.2	33	26.8	33	15.8	33	05.1	32	54.8
162	35	34.7	35	35.5	35	11.2	34	57.1	34	43.3	34	29.8	34	16.6	34	03.7	33	51.5	33	39.5	33	28.2	33	17.2	33	06.5	32	56.2
163	35	36.0	35	36.8	35	12.5	34	58.4	34	44.6	34	31.1	34	17.2	34	05.0	33	52.9	33	40.8	33	29.5	33	18.5	33	07.7	32	57.4
164	35	37.3	35	38.1	35	13.8	34	59.7	34	45.9	34	32.4	34	19.1	34	06.3	33	54.1	33	42.1	33	30.8	33	19.7	33	09.0	32	58.7
165	35	38.6	35	39.4	35	15.1	35	01.0	34	47.2	34	33.7	34	20.4	34	07.6	33	55.3	33	43.4	33	32.1	33	21.0	33	10.3	33	00.0
166	35	39.7	35	40.5	35	16.2	35	02.1	34	48.3	34	34.7	34	21.5	34	08.7	33	56.4	33	44.5	33	33.1	33	22.1	33	11.4	33	01.0
167	35	40.7	35	41.5	35	17.2	35	03.1	34	49.3	34	35.7	34	22.5	34	09.7	33	57.4	33	45.5	33	34.1	33	23.1	33	12.3	33	02.0
168	35	41.7	35	42.5	35	18.2	35	04.1	34	50.3	34	36.7	34	23.5	34	10.7	33	58.4	33	46.5	33	35.1	33	24.0	33	13.3	33	03.0
169	35	42.7	35	43.5	35	19.2	35	05.1	34	51.2	34	37.7	34	24.5	34	11.7	33	59.4	33	47.5	33	36.1	33	25.0	33	14.3	33	04.0
170	35	43.7	35	44.5	35	20.2	35	06.1	34	52.2	34	38.7	34	25.5	34	12.7	34	00.4	33	48.4	33	37.1	33	26.0	33	15.3	33	04.9
171	35	44.5	35	45.3	35	21.0	35	06.9	34	53.0	34	39.5	34	26.3	34	13.4	34	01.2	33	49.2	33	37.8	33	26.8	33	16.0	33	05.7
172	35	45.2	35	46.0	35	21.7	35	07.5	34	53.7	34	40.2	34	27.0	34	14.1	34	01.8	33	49.9	33	38.5	33	27.5	33	16.7	33	06.4
173	35	45.8	35	46.6	35	22.3	35	08.1	34	54.3	34	40.8	34	27.6	34	14.7	34	02.4	33	50.5	33	39.1	33	28.0	33	17.3	33	07.0
174	35	46.4	35	47.2	35	22.9	35	08.7	34	54.9	34	41.4	34	28.2	34	15.3	34	03.0	33	51.1	33	39.7	33	28.6	33	17.9	33	07.5
175	35	46.9	35	47.7	35	23.3	35	09.2	34	55.4	34	41.9	34	28.6	34	15.8	34	03.5	33	51.5	33	40.1	33	29.1	33	18.4	33	08.0
176	35	47.3	35	48.1	35	23.7	35	09.6	34	55.8	34	42.2	34	29.0	34	16.2	34	03.8	33	51.9	33	40.5	33	29.5	33	18.7	33	08.4
177	35	47.6	35	48.4	35	24.0	35	09.9	34	56.1	34	42.5	34	29.3	34	16.5	34	04.1	33	52.2	33	40.8	33	29.8	33	19.0	33	08.7
178	35	47.8	35	48.6	35	24.2	35	10.1	34	56.3	34	42.7	34	29.5	34	16.6	34	04.3	33	52.4	33	41.0	33	29.9	33	19.2	33	08.9
179	35	47.9	35	48.7	35	24.3	35	10.2	34	56.4	34	42.8	34	29.6	34	16.7	34	04.3	33	52.4	33	41.0	33	30.0	33	19.3	33	08.9
180	35	47.9	35	48.7	35	24.3	35	10.2	34	56.4	34	42.8	34	29.6	34	16.7	34	04.3	33	52.4	33	41.0	33	30.0	33	19.3	33	08.9

Depth  $h =$ 

A	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
110	37	52.0	37	42.9	37	26.7	37	14.9	37	01.3	36	48.0	36	35.1	36	22.5	36	10.7	35	59.1	35	48.1	35	37.4	35	27.1	35	17.2
111	37	47.6	37	38.5	37	24.3	37	10.5	36	56.9	36	43.6	36	30.7	36	18.1	36	06.3	35	54.7	35	43.7	35	33.0	35	22.7	35	12.6
112	37	43.2	37	34.1	37	19.9	37	06.1	36	52.5	36	39.2	36	26.3	36	13.7	36	01.9	35	50.3	35	39.3	35	28.6	35	18.3	35	08.4
113	37	38.8	37	29.7	37	15.5	37	01.7	36	48.1	36	34.8	36	21.9	36	09.3	35	57.5	35	45.9	35	34.9	35	24.2	35	13.9	35	04.0
114	37	34.4	37	25.3	37	11.1	36	57.9	36	43.7	36	30.4	36	17.5	36	04.9	35	53.1	35	41.5	35	30.5	35	19.8	35	09.5	34	59.6
115	37	30.0	37	20.9	37	06.7	36	52.9	36	39.3	36	26.0	36	13.1	36	00.5	35	48.7	35	37.1	35	26.1	35	15.4	35	05.1	34	55.2
116	37	25.6	37	16.5	37	02.3	36	48.5	36	34.9	36	21.6	36	08.7	35	56.1	35	44.3	35	32.7	35	21.7	35	11.0	35	00.7	34	50.8
117	37	21.2	37	12.1	36	57.9	36	44.1	36	30.5	36	17.2	36	04.3	35	51.7	35	39.9	35	28.3	35	17.3	35	06.6	34	56.3	34	46.4
118	37	16.8	37	07.7	36	53.5	36	39.7	36	26.1	36	12.8	35	59.9	35	47.3	35	35.5	35	23.9	35	12.9	35	02.2	34	51.9	34	42.0
119	37	12.4	37	03.3	36	49.1	36	35.3	36	21.7	36	08.4	35	55.5	35	42.9	35	31.1	35	19.5	35	08.5	34	57.8	34	47.5	34	37.6
120	37	08.0	36	58.9	36	44.7	36	30.9	36	17.3	36	04.0	35	51.1	35	38.5	35	26.7	35	15.1	35	04.1	34	53.4	34	43.1	34	33.2
121	37	03.6	36	54.5	36	40.3	36	26.5	36	12.9	35	59.6	35	46.7	35	34.1	35	22.3	35	10.8	34	59.7	34	49.0	34	38.7	34	28.8
122	36	59.2	36	50.1	36	35.9	36	22.1	36	08.5	35	55.3	35	42.3	35	29.7	35	17.9	35	06.4	34	55.3	34	44.6	34	34.3	34	24.4
123	36	54.8	36	45.7	36	31.5	36	17.7	36	04.1	35	50.9	35	37.9	35	25.3	35	13.5	35	02.0	34	50.9	34	40.2	34	29.9	34	20.0
124	36	50.4	36	41.3	36	27.1	36	13.3	35	59.7	35	46.5	35	33.5	35	20.9	35	09.1	34	57.6	34	46.5	34	35.8	34	25.5	34	15.6
125	36	46.0	36	36.9	36	22.7	36	08.9	35	55.2	35	42.1	35	29.1	35	16.5	35	04.7	34	53.2	34	42.1	34	31.4	34	21.1	34	11.2
126	36	41.6	36	32.5	36	18.3	36	04.5	35	50.9	35	37.7	35	24.7	35	12.1	35	00.3	34	48.8	34	37.7	34	27.0	34	16.7	34	06.8
127	36	37.2	36	28.1	36	13.9	36	00.1	35	46.5	35	33.3	35	20.3	35	07.7	34	55.9	34	44.4	34	33.3	34	22.6	34	12.3	34	02.4
128	36	32.8	36	23.7	36	09.5	35	55.7	35	42.1	35	28.9	35	15.9	35	03.3	34	51.5	34	40.0	34	28.9	34	18.2	34	07.9	33	58.0
129	36	28.4	36	19.3	36	05.1	35	51.3	35	37.7	35	24.5	35	11.5	34	58.9	34	47.1	34	35.6	34	24.5	34	13.8	34	03.5	33	53.6
130	35	24.0	36	14.9	35	00.7	35	46.9	35	33.3	35	20.0	35	07.1	34	54.5	34	42.7	34	31.1	34	20.1	34	09.4	34	09.1	33	49.2
131	36	19.6	36	10.3	35	56.3	35	42.5	35	28.9	35	15.6	35	02.7	34	50.1	34	38.3	34	26.7	34	15.7	34	05.0	34	04.7	33	44.7
132	36	15.2	36	06.1	35	51.9	35	38.1	35	24.5	35	11.2	34	58.3	34	45.7	34	33.8	34	22.3	34	11.3	34	00.6	34	00.3	33	40.3
133	36	10.8	36	01.7	35	47.5	35	33.7	35	20.1	35	06.8	34	53.9	34	41.3	34	29.4	34	17.9	34	06.9	33	56.2	33	45.9	33	35.9
134	36	06.4	35	57.3	35	43.1	35	29.3	35	15.7	35	02.4	34	49.5	34	36.9	34	25.0	34	13.5	34	02.5	33	51.8	33	41.4	33	31.5
135	36	02.0	35	52.9	35	38.7	35	24.9	35	11.2	34	58.0	34	45.1	34	32.5	34	20.6	34	09.1	33	58.1	33	47.3	33	37.0	33	27.0
136	35	57.6	35	48.5	35	34.3	35	20.5	35	06.8	34	53.6	34	40.7	34	28.0	34	16.2	34	04.6	33	53.6	33	42.5	33	32.6	33	22.6
137	35	53.2	35	44.1	35	29.9	35	16.1	35	02.4	34	49.2	34	36.3	34	23.6	34	11.8	34	00.2	33	49.2	33	38.5	33	28.1	33	18.2
138	35	48.8	35	39.7	35	25.5	35	11.7	34	58.0	34	44.8	34	31.9	34	19.2	34	07.3	33	55.8	33	44.8	33	34.1	33	23.7	33	13.8
139	35	44.4	35	35.3	35	21.1	35	07.2	34	53.6	34	40.4	34	27.4	34	14.8	34	02.9	33	51.4	33	40.4	33	29.6	33	19.3	33	09.3
140	35	40.0	35	30.9	35	16.7	35	02.8	34	49.2	34	36.0	34	23.0	34	10.4	33	58.5	33	46.9	33	35.9	33	25.2	33	14.8	33	04.8
141	35	35.4	35	26.3	35	12.1	34	58.3	34	44.6	34	31.4	34	18.4	34	05.8	33	53.9	33	42.3	33	31.3	33	20.8	33	10.2	33	00.2
142	35	30.9	35	21.8	35	07.6	34	53.8	34	40.1	34	26.9	34	13.9	34	01.3	33	49.4	33	37.8	33	26.8	33	16.1	33	05.7	32	55.7
143	35	26.5	35	17.5	35	03.2	34	49.4	34	35.7	34	22.5	34	09.5	34	09.5	33	56.9	33	45.0	33	33.4	33	22.4	33	11.7	33	01.3
144	35	22.2	35	13.1	34	58.9	34	45.1	34	31.4	34	18.2	34	05.2	33	52.6	33	40.6	33	29.1	33	18.1	33	07.3	32	57.0	32	47.0
145	35	18.0	35	08.9	34	54.7	34	40.8	34	27.2	34	13.9	34	01.0	33	48.3	33	36.4	33	24.8	33	13.8	33	03.0	32	52.7	32	42.7
146	35	13.7	35	04.7	34	50.6	34	36.6	34	23.0	34	09.7	33	56.7	33	44.1	33	32.1	33	20.6	33	09.5	32	58.8	32	48.4	32	38.4
147	35	09.5	35	00.5	34	46.3	34	32.4	34	18.9	34	05.5	33	52.5	33	39.9	33	27.9	33	16.4	33	05.3	32	54.6	32	44.2	32	34.2
148	35	05.4	34	56.3	34	42.1	34	28.2	34	14.6	34	01.2	33	48.3	33	35.7	33	23.7	33	12.2	33	01.1	32	50.4	32	40.0	32	30.0
149	35	01.2	34	52.1	34	37.9	34	24.0	34	10.4	33	57.1	33	44.1	33	31.5	33	19.5	33	07.9	32	56.9	32	46.2	32	35.8	32	25.8
150	34	57.0	34	47.9	34	33.7	34	19.8	34	06.2	33	52.9	33	39.9	33	27.3	33	15.3	33	03.7	32	52.7	32	41.9	32	31.6	32	21.6

Depth  $h =$ 

A	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
151	34	52.4	34	43.3	34	24.1	34	15.3	34	01.6	33	48.3	33	35.4	33	22.7	33	10.7	32	59.2	32	48.1	32	37.4	32	27.0	32	17.0
152	34	48.0	34	38.9	34	29.7	34	10.3	33	57.2	33	43.9	33	30.9	33	18.2	33	06.3	32	54.7	32	43.6	32	32.9	32	22.5	32	12.5
153	34	43.6	34	34.5	34	20.3	34	06.4	33	52.8	33	39.5	33	26.5	33	13.8	33	01.8	32	50.3	32	39.2	32	28.5	32	18.1	32	08.1
154	34	39.2	34	30.2	34	15.9	34	02.1	33	48.4	33	35.1	33	22.1	33	09.5	32	57.5	32	45.9	32	34.9	32	24.1	32	13.7	32	03.7
155	34	35.0	34	25.9	34	11.7	33	57.8	33	44.1	33	30.8	33	17.9	33	05.2	32	53.2	32	41.6	32	30.6	32	19.8	32	09.4	31	59.4
156	34	30.7	34	21.6	34	07.4	33	53.5	33	39.9	33	26.6	33	13.6	33	00.9	32	48.9	32	37.3	32	26.3	32	15.5	32	05.2	31	55.1
157	34	26.5	34	17.4	34	03.2	33	49.3	33	35.6	33	22.4	33	09.4	32	56.7	32	44.7	32	33.1	32	22.0	32	11.3	32	00.9	31	50.9
158	34	22.3	34	13.2	33	59.0	33	45.1	33	31.5	33	18.2	33	05.2	32	52.5	32	40.5	32	28.9	32	17.8	32	07.1	31	56.7	31	46.6
159	34	18.1	34	09.0	33	54.8	33	40.9	33	27.3	33	14.0	33	01.0	32	48.3	32	36.3	32	24.7	32	13.6	32	02.9	31	52.5	31	42.4
160	34	14.0	34	04.9	33	50.7	33	36.8	33	23.1	33	09.8	32	56.8	32	44.1	32	32.1	32	20.5	32	09.4	31	58.7	31	48.3	31	38.2
161	34	09.6	34	00.5	33	46.3	33	32.4	33	18.8	33	05.2	32	52.5	32	39.8	32	27.7	32	16.1	32	05.1	31	54.3	31	43.9	31	33.8
162	34	05.4	33	56.3	33	42.1	33	28.2	33	14.5	33	01.2	32	48.2	32	35.5	32	23.4	32	11.8	32	00.8	31	50.0	31	39.6	31	29.5
163	34	01.2	33	52.1	33	37.9	33	24.0	33	10.3	32	57.0	32	44.0	32	31.3	32	19.2	32	07.6	31	56.6	31	45.8	31	35.4	31	25.3
164	33	57.0	33	47.9	33	33.7	33	19.8	33	06.1	32	52.8	32	39.8	32	27.1	32	15.0	32	03.4	31	52.4	31	41.6	31	31.2	31	21.1
165	33	53.0	33	43.8	33	29.6	33	15.7	33	02.1	32	48.7	32	35.7	32	23.0	32	10.9	31	59.3	31	48.3	31	37.5	31	27.1	31	17.0
166	33	48.9	33	39.8	33	25.6	33	11.7	32	58.0	32	44.7	32	31.7	32	19.0	32	06.9	31	55.2	31	44.2	31	33.4	31	23.0	31	12.9
167	33	44.9	33	35.8	33	21.6	33	07.6	32	54.0	32	40.6	32	27.6	32	14.9	32	02.8	31	51.2	31	40.1	31	29.4	31	18.9	31	08.8
168	33	40.9	33	31.8	33	17.6	33	03.7	32	50.0	32	36.6	32	23.6	32	10.9	31	58.8	31	47.2	31	36.1	31	25.3	31	14.9	31	04.8
169	33	36.9	33	27.8	33	13.6	32	59.7	32	46.0	32	32.7	32	19.6	32	06.9	31	54.8	31	43.2	31	32.1	31	21.3	31	10.9	31	00.8
170	33	33.0	33	23.8	33	09.6	32	55.7	32	42.0	32	28.7	32	15.6	32	03.0	31	50.8	31	39.2	31	28.1	31	17.3	31	06.9	30	56.8
171	33	28.7	33	19.6	33	05.4	32	51.4	32	37.8	32	24.4	32	11.4	31	58.7	31	46.5	31	34.9	31	23.8	31	13.0	31	02.5	30	52.5
172	33	24.6	33	15.5	33	01.3	32	47.3	32	33.6	32	20.3	32	07.2	31	54.6	31	42.4	31	30.7	31	19.7	31	08.9	30	58.4	30	48.3
173	33	20.6	33	11.5	32	57.3	32	43.3	32	29.6	32	16.3	32	03.2	31	50.6	31	38.4	31	26.7	31	15.6	31	04.9	30	54.4	30	44.3
174	33	16.7	33	07.6	32	53.4	32	39.4	32	25.8	32	12.4	31	59.4	31	46.7	31	34.5	31	22.8	31	11.7	31	01.0	30	50.5	30	40.4
175	33	13.0	33	03.8	32	49.6	32	35.7	32	22.0	32	08.6	31	55.6	31	42.9	31	30.7	31	19.0	31	07.9	30	57.2	30	46.7	30	36.6
176	33	09.3	33	00.1	32	45.9	32	32.0	32	18.3	32	04.9	31	51.9	31	39.2	31	26.9	31	15.3	31	04.2	30	53.4	30	43.0	30	32.8
177	33	05.6	32	56.5	32	42.3	32	28.3	32	14.6	32	01.3	31	48.2	31	35.5	31	23.3	31	11.6	31	00.5	30	49.8	30	39.3	30	29.1
178	33	02.0	32	52.9	32	38.7	32	24.7	32	11.0	31	57.7	31	44.6	31	31.9	31	19.7	31	08.0	30	56.9	30	46.1	30	35.7	30	25.5
179	32	58.5	32	49.4	32	35.2	32	21.2	32	07.5	31	54.1	31	41.0	31	28.3	31	16.1	31	04.4	30	53.3	30	42.5	30	32.1	30	21.9
180	32	55.0	32	45.8	32	31.6	32	17.6	32	03.9	31	50.6	31	37.5	31	24.8	31	12.5	31	00.9	30	49.8	30	39.0	30	28.5	30	18.3
181	32	51.3	32	42.1	32	27.9	32	14.0	32	00.3	31	46.9	31	33.8	31	21.1	31	08.8	30	57.2	30	46.1	30	35.3	30	24.8	30	14.6
182	32	47.6	32	38.5	32	24.3	32	10.3	31	56.6	31	43.2	31	30.1	31	17.4	31	05.2	30	53.5	30	42.4	30	31.6	30	21.1	30	10.9
183	32	44.0	32	34.9	32	20.7	32	06.7	31	53.0	31	39.6	31	26.5	31	13.8	31	01.5	30	49.8	30	38.7	30	27.9	30	17.4	30	07.2
184	32	40.5	32	31.7	32	17.1	32	03.1	31	49.4	31	36.0	31	22.9	31	10.2	30	57.9	30	46.2	30	35.1	30	24.3	30	13.8	30	03.6
185	32	37.0	32	27.8	32	13.6	31	59.6	31	45.9	31	32.5	31	19.7	31	06.7	30	54.4	30	42.7	30	31.5	30	20.7	30	10.2	30	00.0
186	32	33.5	32	24.4	32	10.2	31	56.2	31	42.4	31	29.0	31	15.9	31	03.2	30	50.9	30	39.2	30	28.1	30	17.2	30	06.7	29	56.5
187	32	30.2	32	21.1	32	06.8	31	52.8	31	39.1	31	25.7	31	12.6	30	59.8	30	47.5	30	35.8	30	24.7	30	13.8	30	03.0	29	53.1
188	32	27.0	32	17.8	32	03.6	31	49.6	31	35.9	31	22.5	31	09.3	30	56.6	30	44.3	30	32.5	30	21.4	30	10.6	30	00.0	29	49.8
189	32	23.9	32	14.7	32	00.5	31	46.5	31	32.8	31	19.3	31	06.2	30	53.5	30	41.2	30	29.4	30	18.3	30	07.4	29	56.9	29	46.6
190	32	21.0	32	11.8	31	57.6	31	43.5	31	29.8	31	16.4	31	03.2	30	50.5	30	38.2	30	26.4	30	15.2	30	04.4	29	53.8	29	43.6

Depth  $h =$ 

	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
191	32	18.2	32	09.0	31	54.8	31	40.7	31	27.0	31	13.6	31	00.4	30	47.7	30	35.3	30	23.6	30	12.4	30	01.5	29	50.9	29	40.7
192	32	15.6	32	06.4	31	52.2	31	38.1	31	24.4	31	10.9	30	57.8	30	45.0	30	32.7	30	20.9	30	09.7	29	58.8	29	48.2	29	38.3
193	32	13.2	32	04.0	31	49.8	31	35.7	31	21.9	31	08.5	30	55.3	30	42.6	30	30.2	30	18.4	30	07.2	29	56.3	29	45.7	29	35.4
194	32	11.0	32	01.8	31	47.5	31	33.5	31	19.7	31	06.2	30	53.1	30	40.3	30	28.0	30	16.2	30	04.9	29	54.0	29	43.4	29	33.1

BRANCH DF

	m		s		m		s		m		s		m		s		m		s		m		s		m		s	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
127	30	56.0	30	46.8	30	32.5	30	18.5	30	04.7	29	51.2	29	38.0	29	25.3	29	12.9	29	01.1	28	49.8	28	38.9	28	28.2	28	18.0
128	30	58.0	30	48.9	30	34.6	30	20.6	30	06.8	29	53.3	29	40.1	29	27.4	29	15.1	29	03.2	28	52.0	28	41.0	28	30.4	28	20.1
129	31	00.0	30	50.9	30	36.6	30	22.6	30	08.8	29	55.3	29	42.1	29	29.4	29	17.1	29	05.2	28	54.0	28	43.1	28	32.4	28	22.1
130	31	02.0	30	52.8	30	38.5	30	24.5	30	10.7	29	57.2	29	44.1	29	31.3	29	19.0	29	07.1	28	55.9	28	45.0	28	34.3	28	24.1
131	31	03.8	30	54.6	30	40.4	30	26.3	30	12.5	29	59.1	29	45.9	29	33.1	29	20.8	29	09.0	28	57.8	28	46.8	28	36.2	28	25.9
132	31	05.6	30	56.5	30	42.2	30	28.1	30	14.4	30	00.9	29	47.7	29	34.9	29	22.6	29	10.8	28	59.6	28	48.7	28	38.0	28	27.7
133	31	07.4	30	58.2	30	44.0	30	29.9	30	16.1	30	02.7	29	49.5	29	36.7	29	24.4	29	12.6	28	60.4	28	50.4	28	39.8	28	29.5
134	31	09.2	31	00.0	30	45.7	30	31.7	30	17.9	30	04.4	29	51.3	29	38.5	29	26.2	29	14.3	28	61.3	28	52.2	28	41.6	28	31.3
135	31	11.0	31	01.8	30	47.5	30	33.5	30	19.7	30	06.2	29	53.1	29	40.3	29	28.0	29	16.1	28	62.9	28	54.0	28	43.4	28	33.1
136	31	12.8	31	03.6	30	49.4	30	35.3	30	21.5	30	08.1	29	54.9	29	42.1	29	29.8	29	18.0	28	63.8	28	55.8	28	45.2	28	34.9
137	31	14.9	31	05.7	30	51.5	30	37.4	30	23.6	30	10.2	29	57.0	29	44.2	29	31.9	29	20.1	28	64.8	28	57.9	28	47.3	28	37.0
138	31	16.9	31	07.7	30	53.5	30	39.4	30	25.6	30	12.2	29	59.0	29	46.2	29	33.9	29	22.1	28	65.9	28	59.9	28	49.3	28	39.0
139	31	18.9	31	09.8	30	55.5	30	41.4	30	27.7	30	14.2	29	60.0	29	48.2	29	35.9	29	24.1	28	66.9	28	61.9	28	51.3	28	41.0
140	31	21.0	31	11.8	30	57.5	30	43.5	30	29.7	30	16.2	29	61.0	29	50.3	29	38.0	29	26.1	28	67.9	28	63.0	28	53.3	28	43.0
141	31	23.0	31	13.8	30	59.6	30	45.5	30	31.7	30	18.2	29	62.0	29	52.3	29	40.0	29	28.1	28	68.9	28	64.0	28	55.3	28	45.0
142	31	25.0	31	15.9	31	01.6	30	47.5	30	33.7	30	20.3	29	63.0	29	54.3	29	42.0	29	30.1	28	69.9	28	65.0	28	57.3	28	47.0
143	31	27.0	31	17.9	31	03.6	30	49.5	30	35.7	30	22.3	29	64.0	29	56.3	29	44.0	29	32.1	28	70.9	28	66.0	28	59.3	28	49.0
144	31	29.0	31	19.8	31	05.6	30	51.5	30	37.7	30	24.2	29	65.0	29	58.3	29	46.0	29	34.1	28	71.9	28	67.0	28	61.2	28	51.0
145	31	31.0	31	21.8	31	07.5	30	53.4	30	39.7	30	26.2	29	66.0	29	60.2	29	47.9	29	36.0	28	72.9	28	68.0	28	63.2	28	52.9
146	31	32.9	31	23.7	31	09.4	30	55.4	30	41.6	30	28.1	29	67.0	29	62.1	29	49.8	29	37.9	28	73.9	28	69.0	28	65.0	28	54.8
147	31	34.6	31	25.4	31	11.1	30	57.0	30	43.3	30	30.0	29	68.0	29	63.8	29	51.5	29	39.6	28	74.9	28	70.0	28	66.0	28	56.4
148	31	36.4	31	27.2	31	12.9	30	58.8	30	45.0	30	31.6	29	69.0	29	65.6	29	53.3	29	41.4	28	75.9	28	71.0	28	67.0	28	58.2
149	31	38.2	31	29.0	31	14.7	31	00.6	30	46.8	30	33.4	29	70.0	29	67.4	29	55.1	29	43.2	28	76.9	28	72.0	28	68.0	28	60.0
150	31	40.0	31	30.8	31	16.5	31	02.4	30	48.6	30	35.1	29	71.0	29	69.2	29	56.9	29	45.0	28	77.9	28	73.0	28	69.0	28	61.7
151	31	41.8	31	32.6	31	18.3	31	04.2	30	50.4	30	36.9	29	72.0	29	71.0	29	58.7	29	46.8	28	78.9	28	74.0	28	70.0	28	63.5
152	31	43.6	31	34.4	31	20.1	31	06.0	30	52.2	30	38.7	29	73.0	29	72.5	29	60.4	29	48.5	28	79.9	28	75.0	28	71.0	28	65.3
153	31	45.4	31	36.2	31	21.9	31	07.8	30	54.0	30	40.5	29	74.0	29	74.3	29	62.2	29	50.3	28	80.9	28	76.0	28	72.0	28	67.1
154	31	47.2	31	38.0	31	23.7	31	09.6	30	55.8	30	42.3	29	75.0	29	76.3	29	64.0	29	52.1	28	81.9	28	77.0	28	73.0	28	68.9
155	31	49.0	31	39.8	31	25.5	31	11.4	30	57.6	30	44.1	29	76.0	29	78.1	29	65.8	29	53.9	28	82.9	28	78.0	28	74.0	28	70.6
156	31	50.8	31	41.6	31	27.3	31	13.2	30	59.4	30	45.9	29	77.0	29	79.9	29	67.6	29	55.7	28	83.9	28	79.0	28	75.0	28	71.4
157	31	52.6	31	43.5	31	29.2	31	15.1	31	01.3	30	47.8	29	78.0	29	81.6	29	69.5	29	57.6	28	84.9	28	80.0	28	76.0	28	72.4
158	31	54.4	31	45.3	31	31.0	31	15.9	31	03.1	30	49.6	29	79.0	29	83.6	29	71.3	29	59.4	28	85.9	28	81.0	28	77.0	28	73.3

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
159	31 56.2	31 47.1	31 32.7	31 18.6	31 04.8	30 51.3	30 38.1	30 25.3	30 13.0	30 01.1	29 49.8	29 38.3	29 28.1	29 17.8
160	31 58.0	31 48.8	31 34.5	31 20.4	31 06.6	30 53.1	30 39.9	30 27.1	30 14.8	30 02.9	29 51.6	29 40.6	29 29.9	29 19.5
161	31 59.7	31 50.5	31 36.2	31 22.1	31 08.3	30 54.8	30 41.6	30 28.8	30 15.5	30 04.6	29 53.3	29 42.3	29 31.5	29 21.2
162	32 01.3	31 52.2	31 37.9	31 23.8	31 10.0	30 56.5	30 43.2	30 30.4	30 18.1	30 06.2	29 54.9	29 43.9	29 33.2	29 22.9
163	32 02.9	31 53.8	31 39.5	31 25.4	31 11.6	30 58.1	30 44.7	30 32.0	30 19.7	30 07.8	29 56.5	29 45.5	29 34.8	29 24.5
164	32 04.5	31 55.3	31 41.0	31 26.9	31 13.1	30 59.6	30 46.4	30 33.6	30 21.3	30 09.4	29 58.0	29 47.0	29 36.3	29 26.0
165	32 06.0	31 56.8	31 42.5	31 28.4	31 14.6	31 01.1	30 47.9	30 35.0	30 22.7	30 10.8	29 59.5	29 48.5	29 37.8	29 27.4
166	32 07.3	31 58.2	31 43.9	31 29.8	31 16.0	31 02.4	30 49.2	30 36.4	30 24.1	30 12.2	30 00.9	29 49.8	29 39.1	29 28.8
167	32 08.5	31 59.4	31 45.1	31 30.9	31 17.1	31 03.6	30 50.4	30 37.6	30 25.3	30 13.3	30 02.0	29 51.0	29 40.2	29 29.9
168	32 09.7	32 00.6	31 46.3	31 32.1	31 18.3	31 04.8	30 51.6	30 38.8	30 26.5	30 14.5	30 03.2	29 52.2	29 41.4	29 31.1
169	32 10.9	32 01.7	31 47.4	31 33.3	31 19.5	31 05.9	30 52.7	30 39.9	30 27.6	30 15.7	30 04.3	29 53.3	29 42.5	29 32.2
170	32 12.0	32 02.8	31 48.5	31 34.4	31 20.5	31 07.0	30 53.8	30 41.0	30 28.7	30 16.7	30 05.4	29 54.3	29 43.6	29 33.3
171	32 12.9	32 03.8	31 49.5	31 35.3	31 21.5	31 08.0	30 54.8	30 41.9	30 29.6	30 17.7	30 06.3	29 55.3	29 44.5	29 34.2
172	32 13.8	32 04.7	31 50.3	31 36.2	31 22.4	31 08.9	30 55.7	30 42.8	30 30.5	30 18.6	30 07.1	29 56.2	29 45.4	29 35.1
173	32 14.7	32 05.5	31 51.2	31 37.0	31 23.2	31 09.7	30 56.5	30 43.6	30 31.3	30 19.4	30 08.0	29 56.9	29 46.2	29 35.9
174	32 15.4	32 06.2	31 51.8	31 37.7	31 23.9	31 10.4	30 57.2	30 44.3	30 32.0	30 20.1	30 08.7	29 57.6	29 46.9	29 36.5
175	32 16.0	32 06.8	31 52.4	31 38.3	31 24.5	31 11.0	30 57.8	30 44.9	30 32.6	30 20.6	30 09.2	29 58.2	29 47.5	29 37.1
176	32 16.4	32 07.1	31 52.9	31 38.8	31 25.0	31 11.4	30 58.2	30 45.3	30 33.0	30 21.1	30 09.7	29 58.7	29 47.9	29 37.6
177	32 16.8	32 07.5	31 53.2	31 39.1	31 25.3	31 11.8	30 58.5	30 45.7	30 33.3	30 21.4	30 10.0	29 59.0	29 48.2	29 37.9
178	32 17.0	32 07.8	31 53.4	31 39.3	31 25.5	31 12.0	30 58.8	30 45.9	30 33.5	30 21.6	30 10.2	29 59.2	29 48.4	29 38.1
179	32 17.0	32 07.9	31 53.5	31 39.4	31 25.6	31 12.0	30 58.8	30 45.9	30 33.6	30 21.6	30 10.2	29 59.2	29 48.5	29 38.1
180	32 17.0	32 07.8	31 53.4	31 39.3	31 25.5	31 11.9	30 58.7	30 45.8	30 33.5	30 21.5	30 10.1	29 59.1	29 48.4	29 38.0

Depth  $h =$ 

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
82	35	50.3	35	44.1	35	36.8	35	28.9	35	21.2	35	13.7	35	06.4	34	59.2	34	52.3	34	45.8	34	39.6	34	33.6	34	27.6	34	21.6
83	35	45.8	35	40.5	35	32.4	35	24.5	35	16.8	35	09.3	35	02.0	34	54.8	34	47.9	34	41.4	34	35.1	34	29.1	34	23.1	34	17.1
84	35	41.4	35	36.0	35	27.9	35	20.1	35	12.4	35	04.9	34	57.5	34	50.3	34	43.4	34	36.9	34	30.7	34	24.7	34	18.7	34	12.7
85	35	37.0	35	31.6	35	23.5	35	15.6	35	07.9	35	00.4	34	53.1	34	45.9	34	39.0	34	32.5	34	26.3	34	20.3	34	14.3	34	08.3
86	35	32.5	35	27.2	35	19.1	35	11.2	35	03.5	34	56.0	34	48.7	34	41.5	34	34.6	34	28.1	34	21.9	34	15.9	34	09.9	34	03.9
87	35	28.1	35	22.7	35	14.7	35	06.8	34	59.1	34	51.6	34	44.3	34	37.1	34	30.2	34	23.7	34	17.5	34	11.4	34	05.5	33	59.5
88	35	23.6	35	18.3	35	10.2	35	02.3	34	54.6	34	47.1	34	39.8	34	32.6	34	25.7	34	19.2	34	13.0	34	07.0	34	01.0	34	55.0
89	35	19.2	35	13.9	35	05.8	34	57.9	34	50.2	34	42.7	34	35.4	34	28.2	34	21.3	34	14.8	34	08.6	34	02.6	34	56.6	33	50.6
90	35	14.8	35	09.4	35	01.4	34	53.5	34	45.8	34	38.3	34	31.0	34	23.8	34	16.9	34	10.4	34	04.2	34	58.2	33	52.2	33	46.2
91	35	10.3	35	05.0	34	56.9	34	49.0	34	41.3	34	33.8	34	26.5	34	19.3	34	12.4	34	05.9	34	59.7	33	53.7	33	47.7	33	41.7
92	35	05.9	35	00.5	34	52.5	34	44.6	34	36.9	34	29.4	34	22.1	34	14.9	34	08.0	34	01.5	33	55.3	33	49.3	33	43.3	33	37.3
93	35	01.4	34	56.1	34	48.0	34	40.1	34	32.4	34	24.9	34	17.6	34	10.4	34	03.5	33	57.0	33	50.8	33	44.8	33	38.9	33	32.9
94	34	57.0	34	51.7	34	43.6	34	35.7	34	28.0	34	20.5	34	13.2	34	06.0	33	59.1	33	52.6	33	46.4	33	40.4	33	34.4	33	28.4
95	34	52.6	34	47.2	34	39.2	34	31.3	34	23.6	34	16.1	34	08.8	34	01.6	33	54.7	33	48.2	33	42.0	33	36.0	33	30.0	33	24.0
96	34	48.1	34	42.8	34	34.7	34	26.8	34	19.1	34	11.6	34	04.3	33	57.2	33	50.2	33	43.8	33	37.6	33	31.6	33	25.6	33	19.6
97	34	43.7	34	38.4	34	30.3	34	22.4	34	14.7	34	07.2	33	59.9	33	52.7	33	45.8	33	39.3	33	33.1	33	27.1	33	21.2	33	15.2
98	34	39.3	34	33.9	34	25.9	34	18.0	34	10.3	34	02.8	33	51.5	33	48.3	33	41.4	33	34.9	33	28.7	33	22.7	33	16.7	33	10.7
99	34	34.9	34	29.5	34	21.5	34	13.6	34	05.9	33	58.4	33	51.1	33	43.9	33	37.0	33	30.5	33	24.3	33	18.3	33	12.3	33	06.3
100	34	30.5	34	25.1	34	17.1	34	09.2	34	01.5	33	54.0	33	46.7	33	39.5	33	32.6	33	26.1	33	19.9	33	13.9	33	07.9	33	01.9
101	34	26.0	34	20.7	34	12.6	34	04.7	33	57.0	33	49.5	33	42.2	33	35.1	33	28.2	33	21.7	33	15.5	33	09.5	33	03.5	32	57.5
102	34	21.6	34	16.3	34	08.2	34	00.3	33	52.6	33	45.1	33	37.8	33	30.7	33	23.7	33	17.2	33	11.1	33	05.1	32	59.1	32	53.1
103	34	17.2	34	11.9	34	03.8	33	55.9	33	48.2	33	40.7	33	33.4	33	26.3	33	19.3	33	12.8	33	06.7	33	00.7	32	54.7	32	48.7
104	34	12.8	34	07.5	33	59.4	33	51.5	33	43.8	33	36.3	33	29.0	33	21.9	33	15.0	33	08.5	33	02.3	32	56.3	32	50.3	32	44.3
105	34	08.5	34	03.1	33	55.0	33	47.1	33	39.4	33	31.9	33	24.6	33	17.5	33	10.6	33	04.1	32	57.9	32	51.9	32	45.9	32	39.9
106	34	04.1	33	58.7	33	50.7	33	42.8	33	35.1	33	27.6	33	20.3	33	13.1	33	06.2	32	59.7	32	53.6	32	47.6	32	41.5	32	35.5
107	33	59.7	33	54.4	33	46.3	33	38.4	33	30.7	33	23.2	33	15.9	33	08.7	33	01.8	32	55.3	32	49.2	32	43.2	32	37.2	32	31.2
108	33	55.4	33	50.0	33	41.9	33	34.0	33	26.3	33	18.8	33	11.5	33	04.4	32	57.5	32	51.0	32	44.8	32	38.8	32	32.8	32	26.8
109	33	51.0	33	45.6	33	37.6	33	29.7	33	22.0	33	14.5	33	07.2	33	00.0	32	53.1	32	46.6	32	40.5	32	34.5	32	28.5	32	22.5
110	33	46.7	33	41.3	33	33.2	33	25.3	33	17.6	33	10.1	33	02.8	32	55.7	32	48.8	32	42.3	32	36.1	32	30.2	32	24.1	32	18.1
111	33	42.3	33	36.9	33	28.9	33	21.0	33	13.2	33	05.8	32	58.5	32	51.3	32	44.4	32	37.9	32	31.8	32	25.8	32	19.8	32	13.8
112	33	38.0	33	32.6	33	24.5	33	16.6	33	08.9	33	01.4	32	54.1	32	47.0	32	40.1	32	33.6	32	27.5	32	21.5	32	15.4	32	09.4
113	33	33.6	33	28.3	33	20.2	33	12.3	33	04.6	32	57.1	32	49.8	32	42.6	32	35.8	32	29.2	32	23.1	32	17.2	32	11.1	32	05.1
114	33	29.3	33	23.9	33	15.8	33	07.9	33	00.2	32	52.7	32	45.4	32	38.3	32	31.4	32	24.9	32	18.8	32	12.8	32	06.8	32	00.7
115	33	25.0	33	19.6	33	11.5	33	03.6	32	55.9	32	48.4	32	41.1	32	34.0	32	27.1	32	20.6	32	14.5	32	08.5	32	02.4	31	56.4
116	33	20.6	33	15.2	33	07.1	32	59.2	32	51.5	32	44.0	32	36.7	32	29.6	32	22.7	32	16.2	32	10.1	32	04.1	31	58.1	31	52.1
117	33	16.3	33	10.9	33	02.8	32	54.9	32	47.2	32	39.7	32	32.4	32	25.2	32	18.4	32	11.8	32	05.8	31	59.8	31	53.7	31	47.7
118	33	11.9	33	06.5	32	58.4	32	50.5	32	42.8	32	35.3	32	28.0	32	20.9	32	14.0	32	07.5	32	01.4	31	55.4	31	49.4	31	43.4
119	33	07.6	33	02.2	32	54.1	32	46.2	32	38.5	32	31.0	32	23.7	32	16.6	32	09.7	32	03.2	31	57.1	31	51.1	31	45.0	31	39.0
120	33	03.3	32	57.9	32	49.8	32	41.9	32	34.1	32	26.7	32	19.4	32	12.2	32	05.4	31	58.8	31	52.8	31	46.8	31	40.7	31	34.7
121	32	58.9	32	53.5	32	45.4	32	37.5	32	29.6	32	22.3	32	15.0	32	07.9	32	01.0	31	54.5	31	48.4	31	42.5	31	36.4	31	30.4
122	32	54.7	32	49.3	32	41.2	32	33.3	32	25.6	32	18.1	32	10.8	32	03.6	31	56.8	31	50.3	31	44.2	31	38.2	31	32.1	31	26.1

Depth  $h =$

$\Delta$	Surface	0:00	0:01	0:02	0:03	0:04	0:05	0:06	0:07	0:08	0:09	0:10	0:11	0:12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
123	32 50.4	32 45.0	32 36.9	32 28.9	32 21.2	32 13.8	32 06.5	31 59.3	31 52.5	31 46.0	31 39.9	31 33.9	31 27.8	31 21.8
124	32 46.1	32 40.6	32 32.6	32 24.6	32 16.9	32 09.5	32 02.2	31 55.0	31 48.2	31 41.7	31 35.6	31 29.6	31 23.5	31 17.5
125	32 41.8	32 36.3	32 28.3	32 20.3	32 12.6	32 05.2	31 57.9	31 50.7	31 43.9	31 37.4	31 31.3	31 25.3	31 19.2	31 13.2
126	32 37.4	32 32.0	32 23.9	32 16.0	32 08.3	32 00.8	31 53.6	31 46.4	31 39.6	31 33.1	31 27.0	31 21.0	31 14.9	31 08.9
127	32 33.1	32 27.7	32 19.6	32 11.7	32 04.0	31 56.5	31 49.3	31 42.1	31 35.3	31 28.7	31 22.7	31 16.7	31 10.6	31 04.6
128	32 28.8	32 23.4	32 15.3	32 07.4	31 59.7	31 52.2	31 45.0	31 37.8	31 31.0	31 24.5	31 18.4	31 12.4	31 06.3	31 00.3
129	32 24.5	32 19.1	32 11.0	32 03.1	31 55.4	31 47.9	31 40.7	31 33.5	31 26.7	31 20.2	31 14.1	31 08.1	31 02.0	30 56.0
130	32 20.3	32 14.8	32 06.8	31 58.8	31 51.1	31 43.7	31 36.4	31 29.3	31 22.4	31 15.9	31 09.8	31 03.9	30 57.8	30 51.8
131	32 16.0	32 10.5	32 02.5	31 54.6	31 46.9	31 39.4	31 32.1	31 25.0	31 18.1	31 11.6	31 05.6	30 59.6	30 53.5	30 47.5
132	32 11.8	32 06.4	31 58.3	31 50.4	31 42.7	31 35.2	31 27.9	31 20.8	31 14.0	31 07.4	31 01.4	30 55.4	30 49.3	30 43.3
133	32 07.5	32 02.1	31 54.1	31 46.1	31 38.5	31 31.0	31 23.7	31 16.6	31 09.5	30 59.0	30 52.9	30 47.0	30 40.9	30 34.9
134	32 03.3	31 57.9	31 49.8	31 41.9	31 34.2	31 26.7	31 19.5	31 12.3	31 05.5	30 59.0	30 52.9	30 47.0	30 40.9	30 34.9
135	31 59.1	31 53.7	31 45.6	31 37.7	31 30.0	31 22.5	31 15.2	31 08.1	31 01.3	30 54.8	30 48.7	30 42.7	30 36.7	30 30.7
136	31 54.8	31 49.4	31 41.4	31 33.4	31 25.8	31 18.3	31 11.0	31 03.9	30 57.1	30 50.6	30 44.5	30 38.5	30 32.4	30 26.5
137	31 50.6	31 45.2	31 37.2	31 29.2	31 21.6	31 14.1	31 06.8	30 59.7	30 52.9	30 46.4	30 40.3	30 34.3	30 28.2	30 22.3
138	31 46.4	31 41.0	31 32.9	31 25.0	31 17.4	31 09.9	31 02.6	30 55.5	30 48.7	30 42.2	30 36.1	30 30.1	30 24.0	30 18.1
139	31 42.2	31 36.8	31 28.7	31 20.8	31 13.2	31 05.7	30 58.4	30 51.3	30 44.5	30 38.0	30 31.9	30 25.9	30 19.8	30 13.9
140	31 38.0	31 32.6	31 24.5	31 16.6	31 09.0	31 01.5	30 54.2	30 47.1	30 40.3	30 33.8	30 27.7	30 21.7	30 15.7	30 09.7
141	31 33.8	31 28.4	31 20.3	31 12.4	31 04.8	30 57.3	30 50.0	30 42.9	30 36.1	30 29.6	30 23.5	30 17.5	30 11.5	30 05.6
142	31 29.6	31 24.2	31 16.2	31 08.3	31 00.6	30 53.1	30 45.9	30 38.7	30 31.9	30 25.4	30 19.3	30 13.4	30 07.3	30 01.4
143	31 25.4	31 20.0	31 12.0	31 04.1	30 56.5	30 49.0	30 41.7	30 34.6	30 27.8	30 21.3	30 15.2	30 09.2	30 03.1	29 57.2
144	31 21.2	31 15.8	31 07.8	30 59.9	30 52.3	30 44.8	30 37.5	30 30.4	30 23.6	30 17.1	30 11.0	30 05.0	29 59.0	29 53.1
145	31 17.1	31 11.7	31 03.7	30 55.8	30 48.2	30 40.7	30 33.4	30 26.3	30 19.5	30 13.0	30 06.8	30 00.9	29 54.9	29 49.0
146	31 12.9	31 07.6	30 59.5	30 51.6	30 44.0	30 36.5	30 29.2	30 22.1	30 15.3	30 08.8	30 02.7	29 56.7	29 50.7	29 44.8
147	31 08.8	31 03.4	30 55.4	30 47.5	30 39.9	30 32.4	30 25.1	30 18.0	30 11.2	30 04.7	29 58.6	29 52.6	29 46.6	29 40.7
148	31 04.7	30 59.3	30 51.4	30 43.5	30 35.9	30 28.4	30 21.1	30 14.0	30 07.2	30 00.7	29 54.6	29 48.6	29 42.6	29 36.7
149	31 00.6	30 55.3	30 47.3	30 39.4	30 31.8	30 24.3	30 17.0	30 09.9	30 03.1	29 56.6	29 50.5	29 44.5	29 38.5	29 32.6
150	30 56.6	30 51.2	30 43.2	30 35.3	30 27.8	30 20.3	30 12.9	30 05.9	29 59.1	29 52.6	29 46.5	29 40.4	29 34.5	29 28.6
151	30 52.5	30 47.2	30 39.2	30 31.3	30 23.4	30 16.2	30 08.9	30 01.8	29 55.0	29 48.5	29 42.4	29 36.4	29 30.5	29 24.6
152	30 48.6	30 43.3	30 35.3	30 27.4	30 19.9	30 12.3	30 05.0	29 57.9	29 51.1	29 44.6	29 38.5	29 32.5	29 26.5	29 20.6
153	30 44.6	30 39.3	30 31.4	30 23.5	30 15.9	30 08.4	30 01.0	29 54.0	29 47.2	29 40.7	29 34.5	29 28.5	29 22.5	29 16.7
154	30 40.7	30 35.4	30 27.4	30 19.5	30 12.0	30 04.4	29 57.1	29 50.0	29 43.2	29 36.7	29 30.6	29 24.6	29 18.6	29 12.7
155	30 36.8	30 31.5	30 23.5	30 15.6	30 08.1	30 00.5	29 53.2	29 46.1	29 39.3	29 32.8	29 26.7	29 20.7	29 14.7	29 08.8
156	30 32.8	30 27.5	30 19.6	30 11.7	30 04.2	29 56.6	29 49.3	29 42.2	29 35.4	29 28.9	29 22.8	29 16.7	29 10.8	29 04.9
157	30 28.9	30 23.6	30 15.7	30 07.8	30 00.3	29 52.7	29 45.4	29 38.3	29 31.5	29 25.0	29 18.9	29 12.9	29 06.9	29 01.1
158	30 25.0	30 19.8	30 11.8	30 03.9	29 56.4	29 48.9	29 41.5	29 34.5	29 27.7	29 21.2	29 15.0	29 09.0	29 03.1	28 57.2
159	30 21.2	30 15.9	30 08.0	30 00.1	29 52.6	29 45.0	29 37.7	29 30.6	29 23.8	29 17.4	29 11.2	29 05.2	28 59.3	28 53.4
160	30 17.4	30 12.1	30 04.2	29 56.3	29 48.8	29 41.2	29 33.9	29 26.8	29 20.0	29 13.6	29 07.4	29 01.4	28 55.5	28 49.6
161	30 13.5	30 08.3	30 00.4	29 52.5	29 45.0	29 37.4	29 30.1	29 23.0	29 16.3	29 09.8	29 03.7	28 57.6	28 51.7	28 45.9
162	30 09.8	30 04.5	29 56.6	29 48.7	29 41.2	29 33.7	29 26.4	29 19.3	29 12.6	29 06.1	28 59.9	28 53.9	28 48.0	28 42.2

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
163	30 06.0	30 00.8	29 52.9	29 45.0	29 37.5	29 30.0	29 22.7	29 15.6	29 08.8	29 02.4	28 56.2	28 50.2	28 44.4	28 38.5
164	30 02.3	29 57.1	29 49.2	29 41.3	29 33.8	29 26.3	29 19.0	29 11.9	29 05.2	28 58.7	28 52.6	28 46.6	28 40.7	28 34.9
165	29 58.7	29 53.4	29 45.5	29 37.6	29 30.1	29 22.7	29 15.4	29 08.3	29 01.6	28 55.1	28 49.0	28 43.0	28 37.1	28 31.3
166	29 55.0	29 49.8	29 41.9	29 34.0	29 26.5	29 19.0	29 11.8	29 04.7	28 58.0	28 51.5	28 45.4	28 39.4	28 33.6	28 27.8
167	29 51.4	29 46.1	29 38.2	29 30.4	29 22.9	29 15.4	29 08.2	29 01.1	28 54.4	28 48.0	28 41.9	28 35.9	28 30.1	28 24.3
168	29 47.8	29 42.6	29 34.7	29 26.8	29 19.3	29 11.9	29 04.6	28 57.6	28 50.9	28 44.5	28 38.4	28 32.4	28 26.6	28 20.8
169	29 44.3	29 39.0	29 31.1	29 23.3	29 15.8	29 08.4	29 01.2	28 54.1	28 47.4	28 41.0	28 34.9	28 29.0	28 23.2	28 17.4
170	29 40.8	29 35.5	29 27.6	29 19.8	29 12.3	29 04.9	28 57.7	28 50.7	28 44.0	28 37.6	28 31.5	28 25.6	28 19.8	28 14.1
171	29 37.3	29 32.0	29 24.1	29 16.4	29 08.9	29 01.5	28 54.3	28 47.3	28 40.6	28 34.2	28 28.1	28 22.2	28 16.4	28 10.8
172	29 33.8	29 28.6	29 20.7	29 12.9	29 05.4	28 58.1	28 50.9	28 43.9	28 37.2	28 30.9	28 24.8	28 18.9	28 13.1	28 07.5
173	29 30.4	29 25.2	29 17.3	29 09.5	29 02.0	28 54.7	28 47.6	28 40.6	28 33.9	28 27.6	28 21.5	28 15.7	28 09.9	28 04.3
174	29 27.1	29 21.8	29 13.9	29 06.2	28 58.7	28 51.4	28 44.3	28 37.3	28 30.7	28 24.3	28 18.3	28 12.5	28 06.7	28 01.1
175	29 23.8	29 18.5	29 10.6	29 02.9	28 55.4	28 48.1	28 41.1	28 34.1	28 27.5	28 21.1	28 15.1	28 09.3	28 03.6	27 58.0
176	29 20.5	29 15.2	29 07.3	28 59.6	28 52.1	28 44.9	28 37.9	28 30.9	28 24.3	28 18.0	28 12.0	28 06.2	28 00.5	27 55.0
177	29 17.3	29 12.0	29 04.1	28 56.4	28 48.9	28 41.7	28 34.7	28 27.8	28 21.2	28 14.9	28 08.9	28 03.2	27 57.5	27 52.0
178	29 14.1	29 08.9	29 00.9	28 53.3	28 45.8	28 38.6	28 31.7	28 24.8	28 18.2	28 11.9	28 05.9	28 00.3	27 54.6	27 49.1
179	29 11.0	29 05.7	28 57.8	28 50.2	28 42.7	28 35.5	28 28.7	28 21.8	28 15.2	28 09.0	28 03.0	27 57.4	27 51.7	27 46.3
180	29 08.0	29 02.7	28 54.8	28 47.2	28 39.6	28 32.6	28 25.7	28 18.8	28 12.3	28 06.1	28 00.2	27 54.6	27 48.9	27 43.5
181	29 05.1	28 59.8	28 51.9	28 44.3	28 36.7	28 29.6	28 22.7	28 15.8	28 09.3	28 03.0	27 57.1	27 51.4	27 45.8	27 40.3
182	29 02.2	28 56.9	28 49.0	28 41.3	28 33.8	28 26.7	28 19.7	28 12.8	28 06.2	28 00.0	27 54.0	27 48.3	27 42.6	27 37.2
183	28 59.5	28 54.2	28 46.3	28 38.6	28 31.1	28 23.9	28 16.9	28 10.0	28 03.4	27 57.1	27 51.1	27 45.4	27 39.7	27 34.2
184	28 56.8	28 51.5	28 43.6	28 35.9	28 28.4	28 21.2	28 14.1	28 07.2	28 00.6	27 54.3	27 48.3	27 42.5	27 36.8	27 31.3
185	28 54.2	28 48.9	28 41.0	28 33.3	28 25.8	28 18.5	28 11.5	28 04.5	27 57.9	27 51.5	27 45.5	27 39.7	27 34.0	27 28.4
186	28 51.7	28 46.4	28 38.5	28 30.8	28 23.3	28 16.0	28 08.9	28 01.9	27 55.3	27 48.9	27 42.9	27 37.1	27 31.3	27 25.7
187	28 49.3	28 44.1	28 36.1	28 28.4	28 20.9	28 13.5	28 06.4	27 59.4	27 52.8	27 46.4	27 40.3	27 34.5	27 28.7	27 23.1

BRANCH OF

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
132	27 30.0	27 24.6	27 16.6	27 08.8	27 01.2	26 53.8	26 46.5	26 39.5	26 32.8	26 26.3	26 20.2	26 14.3	26 08.5	26 02.7
133	27 32.0	27 26.6	27 18.6	27 10.8	27 03.2	26 55.8	26 48.5	26 41.5	26 34.8	26 28.3	26 22.2	26 16.3	26 10.5	26 04.7
134	27 33.9	27 28.5	27 20.5	27 12.7	27 05.1	26 57.7	26 50.4	26 43.4	26 36.7	26 30.2	26 24.1	26 18.2	26 12.4	26 06.6
135	27 35.9	27 30.5	27 22.5	27 14.7	27 07.1	26 59.7	26 52.4	26 45.4	26 38.7	26 32.2	26 26.1	26 20.2	26 14.4	26 08.6
136	27 37.8	27 32.4	27 24.4	27 16.6	27 09.0	27 01.6	26 54.3	26 47.3	26 40.6	26 34.1	26 28.0	26 22.1	26 16.3	26 10.5
137	27 39.8	27 34.4	27 26.4	27 18.6	27 11.0	27 03.6	26 56.3	26 49.3	26 42.6	26 36.1	26 30.0	26 24.1	26 18.3	26 12.5
138	27 41.7	27 36.3	27 28.3	27 20.5	27 12.9	27 05.5	26 58.2	26 51.2	26 44.5	26 38.0	26 31.9	26 26.0	26 20.2	26 14.4
139	27 43.7	27 38.3	27 30.3	27 22.5	27 14.9	27 07.5	27 00.2	26 53.2	26 46.5	26 40.0	26 33.9	26 28.0	26 22.2	26 16.4
140	27 45.6	27 40.2	27 32.2	27 24.4	27 16.8	27 09.4	27 02.1	26 55.1	26 48.4	26 41.9	26 35.8	26 29.9	26 24.1	26 18.3
141	27 47.6	27 42.2	27 34.2	27 26.4	27 18.8	27 11.4	27 04.1	26 57.1	26 50.4	26 43.9	26 37.8	26 31.9	26 26.1	26 20.3
142	27 49.5	27 44.1	27 36.1	27 28.3	27 20.7	27 13.3	27 05.0	26 59.0	26 52.3	26 45.8	26 39.7	26 33.8	26 28.0	26 22.2

Δ	Depth h =											
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
143	27 51.4	27 46.0	27 38.0	27 30.2	27 22.6	27 15.2	27 07.9	27 00.9	26 54.2	26 47.7	26 41.6	26 35.7
144	27 53.4	27 48.0	27 40.0	27 32.2	27 24.6	27 17.2	27 09.9	27 02.9	26 56.2	26 49.7	26 43.6	26 37.7
145	27 55.3	27 49.9	27 41.9	27 34.1	27 26.5	27 19.1	27 11.8	27 04.8	26 58.1	26 51.6	26 45.5	26 39.6
146	27 57.3	27 51.9	27 43.9	27 36.1	27 28.5	27 21.1	27 13.0	27 06.8	27 00.1	26 53.6	26 47.5	26 41.6
147	27 59.2	27 53.8	27 45.8	27 38.0	27 30.4	27 23.0	27 15.7	27 08.7	27 02.0	26 55.5	26 49.4	26 43.5
148	28 01.1	27 55.7	27 47.7	27 39.9	27 32.3	27 24.9	27 17.6	27 10.6	27 03.9	26 57.4	26 51.3	26 45.4
149	28 03.1	27 57.7	27 49.7	27 41.9	27 34.3	27 26.9	27 19.6	27 12.6	27 05.8	26 59.3	26 53.2	26 47.4
150	28 05.0	27 59.6	27 51.6	27 43.8	27 36.2	27 28.8	27 21.5	27 14.5	27 07.7	27 01.2	26 55.2	26 49.2
151	28 07.0	28 01.6	27 53.6	27 45.8	27 38.2	27 30.8	27 23.5	27 16.5	27 09.7	27 03.2	26 57.2	26 51.2
152	28 08.9	28 03.5	27 55.5	27 47.7	27 40.1	27 32.7	27 25.4	27 18.4	27 11.6	27 05.1	26 59.0	26 53.1
153	28 10.8	28 05.4	27 57.4	27 49.6	27 42.0	27 34.5	27 27.2	27 20.2	27 13.5	27 07.0	27 00.9	26 55.0
154	28 12.6	28 07.2	27 59.3	27 51.4	27 43.8	27 36.3	27 29.0	27 22.0	27 15.3	27 08.8	27 02.7	26 56.8
155	28 14.5	28 09.1	28 01.2	27 53.3	27 45.7	27 38.2	27 30.9	27 23.9	27 17.1	27 10.6	27 04.6	26 58.7
156	28 16.3	28 10.9	28 03.0	27 55.1	27 47.5	27 40.0	27 32.7	27 25.7	27 18.9	27 12.4	27 06.4	27 00.4
157	28 18.1	28 12.7	28 04.8	27 56.9	27 49.3	27 41.8	27 34.5	27 27.5	27 20.7	27 14.2	27 08.2	27 02.2
158	28 19.9	28 14.5	28 06.6	27 58.7	27 51.0	27 43.6	27 36.3	27 29.3	27 22.5	27 16.0	27 10.0	27 04.0
159	28 21.7	28 16.3	28 08.4	28 00.5	27 52.8	27 45.4	27 38.1	27 31.1	27 24.3	27 17.8	27 11.7	27 05.8
160	28 23.5	28 18.1	28 10.2	28 02.3	27 54.6	27 47.2	27 39.9	27 32.9	27 26.0	27 19.5	27 13.5	27 07.5
161	28 25.2	28 19.9	28 11.9	28 04.0	27 56.3	27 48.9	27 41.6	27 34.5	27 27.7	27 21.2	27 15.2	27 09.2
162	28 26.9	28 21.5	28 13.6	28 05.7	27 58.0	27 50.5	27 43.2	27 36.2	27 29.4	27 22.9	27 16.9	27 10.9
163	28 28.6	28 23.2	28 15.3	28 07.4	27 59.7	27 52.2	27 44.9	27 37.9	27 31.1	27 24.6	27 18.5	27 12.6
164	28 30.3	28 24.9	28 17.0	28 09.1	28 01.4	27 53.9	27 46.6	27 39.6	27 32.7	27 26.2	27 20.2	27 14.2
165	28 32.0	28 26.6	28 18.7	28 10.8	28 03.1	27 55.6	27 48.3	27 41.3	27 34.4	27 27.9	27 21.9	27 15.9
166	28 33.7	28 28.3	28 20.4	28 12.5	28 04.8	27 57.3	27 50.0	27 43.0	27 36.1	27 29.6	27 23.5	27 17.6
167	28 35.3	28 29.9	28 22.0	28 14.1	28 06.4	27 58.9	27 51.6	27 44.5	27 37.7	27 31.2	27 25.1	27 19.1
168	28 36.8	28 31.4	28 23.5	28 15.6	28 07.9	28 00.4	27 53.1	27 46.0	27 39.1	27 32.6	27 26.6	27 20.6
169	28 38.1	28 32.7	28 24.7	28 16.9	28 09.1	28 01.7	27 54.4	27 47.3	27 40.4	27 33.9	27 27.8	27 21.9
170	28 39.4	28 34.0	28 26.0	28 18.1	28 10.4	28 02.9	27 55.6	27 48.6	27 41.7	27 35.2	27 29.1	27 23.1
171	28 40.6	28 35.2	28 27.2	28 19.3	28 11.6	28 04.1	27 56.8	27 49.7	27 42.8	27 36.3	27 30.3	27 24.3
172	28 41.7	28 36.3	28 28.3	28 20.4	28 12.7	28 05.2	27 57.9	27 50.9	27 43.9	27 37.4	27 31.3	27 25.3
173	28 42.8	28 37.4	28 29.4	28 21.5	28 13.8	28 06.3	27 59.0	27 51.9	27 45.0	27 38.5	27 32.4	27 26.4
174	28 43.8	28 38.4	28 30.4	28 22.5	28 14.8	28 07.3	28 00.3	27 52.9	27 46.0	27 39.5	27 33.3	27 27.3
175	28 44.6	28 39.2	28 31.2	28 23.3	28 15.6	28 08.1	28 01.5	27 53.6	27 46.7	27 40.2	27 34.1	27 28.1
176	28 45.3	28 39.9	28 31.9	28 24.0	28 16.3	28 08.8	28 02.3	27 54.3	27 47.4	27 40.9	27 34.7	27 28.7
177	28 45.8	28 40.4	28 32.3	28 24.4	28 16.7	28 09.2	28 02.6	27 55.2	27 48.3	27 41.8	27 35.6	27 29.6
178	28 46.3	28 40.9	28 32.8	28 24.9	28 17.4	28 09.9	28 03.0	27 55.4	27 48.5	27 42.0	27 35.8	27 29.8
179	28 46.5	28 41.1	28 33.0	28 25.1	28 17.4	28 09.9	28 03.0	27 55.4	27 48.5	27 42.0	27 35.7	27 29.7
180	28 46.5	28 41.1	28 33.0	28 25.1	28 17.4	28 09.9	28 03.0	27 55.4	27 48.5	27 42.0	27 35.7	27 29.7

Depth  $h =$ 

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
110	37	52.0	37	46.7	37	39.1	37	31.6	37	24.3	37	17.2	37	10.3	37	03.7	36	57.2	36	51.2	36	45.7	36	40.5	36	35.4	36	30.3
111	37	47.6	37	42.3	37	34.7	37	27.2	37	19.9	37	12.8	37	05.9	36	59.3	36	52.8	36	46.8	36	41.3	36	36.1	36	31.0	36	25.9
112	37	43.2	37	37.9	37	30.3	37	22.8	37	15.5	37	08.4	37	01.5	36	54.9	36	48.4	36	42.4	36	36.9	36	31.7	36	26.6	36	21.5
113	37	38.8	37	33.5	37	25.9	37	18.4	37	11.1	37	04.0	36	57.1	36	50.5	36	44.0	36	38.0	36	32.5	36	27.3	36	22.2	36	17.1
114	37	34.4	37	29.1	37	21.5	37	14.0	37	06.7	36	59.6	36	52.7	36	46.1	36	39.6	36	33.6	36	28.1	36	22.9	36	17.8	36	12.7
115	37	30.0	37	24.7	37	17.1	37	09.6	37	02.3	36	55.2	36	48.3	36	41.7	36	35.2	36	29.2	36	23.7	36	18.5	36	13.4	36	08.3
116	37	25.6	37	20.3	37	12.7	37	05.2	36	57.9	36	50.5	36	43.9	36	37.3	36	30.8	36	24.8	36	18.3	36	13.1	36	08.0	36	03.9
117	37	21.2	37	15.9	37	08.3	37	00.8	36	53.5	36	46.4	36	39.5	36	32.9	35	26.4	35	20.4	35	14.9	36	09.7	36	04.6	35	59.5
118	37	16.8	37	11.5	37	03.9	36	56.4	36	49.1	36	42.0	36	35.1	36	28.5	36	22.0	36	16.0	36	10.5	36	05.3	36	00.2	35	55.1
119	37	12.4	37	07.1	36	59.5	36	52.0	36	44.7	36	37.6	36	30.7	36	24.1	36	17.6	36	11.6	36	06.1	36	00.9	35	55.8	35	50.7
120	37	08.0	37	02.7	36	55.1	36	47.6	36	40.3	36	33.2	36	26.2	36	19.7	36	13.2	36	07.2	36	01.7	35	56.5	35	51.4	35	46.3
121	37	03.6	36	58.3	36	50.7	36	43.2	36	35.9	36	28.8	36	21.9	36	15.3	36	08.8	36	02.8	35	57.3	35	52.1	35	47.0	35	41.9
122	36	59.2	36	53.9	36	46.3	36	38.8	36	31.5	36	24.4	36	17.5	36	10.9	36	04.4	35	58.4	35	52.9	35	47.7	35	42.6	35	37.5
123	36	54.8	36	49.5	36	41.9	36	34.0	36	27.1	36	20.0	36	13.1	36	06.5	36	00.0	35	54.0	35	48.5	35	43.3	35	38.2	35	33.1
124	36	50.4	36	45.1	36	37.5	36	30.0	36	22.7	36	15.6	36	08.7	36	02.1	35	55.6	35	49.6	35	44.1	35	38.9	35	33.8	35	28.7
125	36	46.0	36	40.7	36	33.1	36	25.6	36	18.3	36	11.2	36	04.3	35	57.7	35	51.2	35	45.2	35	39.7	35	34.5	35	29.4	35	24.3
126	36	41.6	36	36.3	36	28.7	36	21.2	36	13.9	36	06.8	35	59.9	35	53.3	35	46.8	35	40.8	35	35.3	35	30.1	35	25.0	35	19.9
127	36	37.2	36	31.9	36	24.2	36	16.8	36	09.5	36	02.4	35	55.5	35	48.9	35	42.4	35	36.4	35	30.9	35	25.7	35	20.6	35	15.5
128	36	32.8	36	27.5	36	19.9	36	12.4	36	05.1	35	58.0	35	51.1	35	44.5	35	38.0	35	32.0	35	26.5	35	21.3	35	16.2	35	11.1
129	36	28.4	36	23.1	36	15.5	36	08.0	36	00.7	35	53.6	35	46.7	35	40.1	35	33.6	35	27.6	35	22.1	35	16.9	35	11.8	35	06.7
130	36	24.0	36	18.7	36	11.1	36	03.6	35	56.3	35	49.2	35	42.3	35	35.7	35	29.2	35	23.2	35	17.7	35	12.5	35	07.4	35	02.3
131	36	19.6	36	14.3	36	06.7	35	59.2	35	51.9	35	44.8	35	37.9	35	31.3	35	24.8	35	18.8	35	13.3	35	08.1	35	03.0	34	57.9
132	36	15.2	36	09.9	36	02.3	35	54.8	35	47.5	35	40.4	35	33.5	35	26.9	35	20.4	35	14.4	35	08.9	35	03.7	34	58.6	34	53.5
133	36	10.8	36	05.5	35	57.9	35	50.4	35	43.1	35	36.0	35	29.1	35	22.5	35	16.0	35	10.0	35	04.5	34	59.3	34	54.2	34	49.1
134	36	06.4	36	01.1	35	53.5	35	46.0	35	38.7	35	31.6	35	24.7	35	18.1	35	11.6	35	05.6	35	00.1	34	54.9	34	49.8	34	44.7
135	36	02.0	35	56.7	35	49.1	35	41.6	35	34.3	35	27.2	35	20.3	35	13.7	35	07.2	35	01.2	34	55.7	34	50.5	34	45.4	34	40.3
136	35	57.6	35	52.3	35	44.7	35	37.2	35	29.9	35	22.8	35	15.9	35	09.3	35	02.8	34	56.8	34	51.3	34	46.1	34	41.0	34	35.9
137	35	53.2	35	47.9	35	40.3	35	32.8	35	25.5	35	18.4	35	11.5	35	04.9	34	58.4	34	52.4	34	46.9	34	41.7	34	36.6	34	31.5
138	35	48.8	35	43.5	35	35.9	35	28.4	35	21.1	35	14.0	35	07.1	35	00.5	34	54.0	34	48.0	34	42.5	34	37.3	34	32.2	34	27.1
139	35	44.4	35	39.1	35	31.5	35	24.0	35	16.7	35	09.6	35	02.7	34	56.1	34	49.6	34	43.6	34	38.1	34	32.9	34	27.8	34	22.7
140	35	40.0	35	34.7	35	27.1	35	19.6	35	12.3	35	05.2	34	58.3	34	51.7	34	45.2	34	39.2	34	33.7	34	28.5	34	23.4	34	18.3
141	35	35.4	35	30.1	35	22.5	35	15.0	35	07.7	35	00.6	34	53.7	34	47.1	34	40.6	34	34.6	34	29.1	34	23.9	34	18.8	34	13.7
142	35	30.9	35	25.6	35	18.0	35	10.5	35	03.2	34	56.1	34	49.2	34	42.6	34	36.1	34	30.1	34	24.6	34	19.4	34	14.3	34	09.2
143	35	26.5	35	21.2	35	13.6	35	06.1	34	58.8	34	51.7	34	44.8	34	38.2	34	31.7	34	25.7	34	20.2	34	15.0	34	09.9	34	04.8
144	35	22.2	35	16.9	35	09.3	35	01.8	34	54.5	34	47.4	34	40.5	34	33.9	34	27.4	34	21.4	34	15.9	34	10.7	34	05.6	34	00.5
145	35	18.0	35	12.7	35	05.1	34	57.6	34	50.3	34	43.2	34	36.3	34	29.7	34	23.2	34	17.2	34	11.7	34	06.5	34	01.4	33	56.3
146	35	13.7	35	08.4	35	00.8	34	53.3	34	46.0	34	38.9	34	32.0	34	25.4	34	18.9	34	12.9	34	07.4	34	02.2	33	57.1	33	52.0
147	35	09.5	35	04.2	34	56.6	34	49.1	34	41.8	34	34.7	34	27.8	34	21.2	34	14.7	34	08.7	34	03.2	33	58.0	33	52.9	33	47.8
148	35	05.4	35	00.1	34	52.5	34	45.0	34	37.7	34	30.6	34	23.7	34	17.1	34	10.6	34	04.6	33	59.1	33	53.9	33	48.8	33	43.7
149	35	01.2	34	55.9	34	48.3	34	40.8	34	33.5	34	26.4	34	19.5	34	12.9	34	06.4	34	00.4	33	54.9	33	49.7	33	44.6	33	39.5

Depth  $h =$

$\Delta$	Surface	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12
150	m s	34 51.7	34 44.1	34 36.6	34 29.3	34 22.2	34 15.3	34 08.7	34 02.2	33 56.2	33 50.7	33 45.5	33 40.4	33 35.3
151	m s	34 52.4	34 44.1	34 36.6	34 29.3	34 22.2	34 15.3	34 08.7	34 02.2	33 56.2	33 50.7	33 45.5	33 40.4	33 35.3
152	m s	34 48.0	34 42.7	34 37.0	34 31.2	34 25.3	34 19.4	34 13.5	34 07.6	34 01.7	33 55.8	33 49.9	33 44.0	33 38.1
153	m s	34 43.6	34 38.3	34 32.5	34 26.7	34 20.8	34 15.0	34 09.1	34 03.2	33 97.3	33 91.4	33 85.5	33 79.6	33 73.7
154	m s	34 39.2	34 33.9	34 28.1	34 22.3	34 16.4	34 10.5	34 04.6	33 98.7	33 92.8	33 86.9	33 81.0	33 75.1	33 69.2
155	m s	34 35.0	34 29.7	34 23.9	34 18.0	34 12.1	34 06.2	34 00.3	33 94.4	33 88.5	33 82.6	33 76.7	33 70.8	33 64.9
156	m s	34 30.7	34 25.4	34 19.6	34 13.7	34 07.8	34 01.9	33 96.0	33 90.1	33 84.2	33 78.3	33 72.4	33 66.5	33 60.6
157	m s	34 26.5	34 21.2	34 15.3	34 09.4	34 03.5	33 97.6	33 91.7	33 85.8	33 79.9	33 74.0	33 68.1	33 62.2	33 56.3
158	m s	34 22.3	34 17.0	34 11.1	34 05.2	33 99.3	33 93.4	33 87.5	33 81.6	33 75.7	33 69.8	33 63.9	33 58.0	33 52.1
159	m s	34 18.1	34 12.8	34 06.9	34 01.0	33 95.1	33 89.2	33 83.3	33 77.4	33 71.5	33 65.6	33 59.7	33 53.8	33 47.9
160	m s	34 14.0	34 08.7	34 02.8	33 96.9	33 91.0	33 85.1	33 79.2	33 73.3	33 67.4	33 61.5	33 55.6	33 49.7	33 43.8
161	m s	34 09.6	34 04.3	33 98.4	33 92.5	33 86.6	33 80.7	33 74.8	33 68.9	33 63.0	33 57.1	33 51.2	33 45.3	33 39.4
162	m s	34 05.4	34 00.1	33 93.9	33 88.0	33 82.1	33 76.2	33 70.3	33 64.4	33 58.5	33 52.6	33 46.7	33 40.8	33 34.9
163	m s	34 01.2	33 55.9	33 50.0	33 44.1	33 38.2	33 32.3	33 26.4	33 20.5	33 14.6	33 08.7	33 02.8	32 96.9	32 91.0
164	m s	33 57.0	33 51.7	33 45.8	33 39.9	33 34.0	33 28.1	33 22.2	33 16.3	33 10.4	33 04.5	32 98.6	32 92.7	32 86.8
165	m s	33 53.0	33 47.7	33 41.8	33 35.9	33 30.0	33 24.1	33 18.2	33 12.3	33 06.4	33 00.5	32 94.6	32 88.7	32 82.8
166	m s	33 48.9	33 43.6	33 37.7	33 31.8	33 25.9	33 20.0	33 14.1	33 08.2	33 02.3	32 96.4	32 90.5	32 84.6	32 78.7
167	m s	33 44.9	33 39.6	33 33.7	33 27.8	33 21.9	33 16.0	33 10.1	33 04.2	32 98.3	32 92.4	32 86.5	32 80.6	32 74.7
168	m s	33 40.9	33 35.6	33 29.7	33 23.8	33 17.9	33 12.0	33 06.1	33 00.2	32 94.3	32 88.4	32 82.5	32 76.6	32 70.7
169	m s	33 36.9	33 31.6	33 25.7	33 19.8	33 13.9	33 08.0	33 02.1	32 96.2	32 90.3	32 84.4	32 78.5	32 72.6	32 66.7
170	m s	33 33.0	33 27.7	33 21.8	33 15.9	33 10.0	33 04.1	32 98.2	32 92.3	32 86.4	32 80.5	32 74.6	32 68.7	32 62.8
171	m s	33 28.7	33 23.4	33 17.5	33 11.6	33 05.7	32 99.8	32 93.9	32 88.0	32 82.1	32 76.2	32 70.3	32 64.4	32 58.5
172	m s	33 24.6	33 19.3	33 13.4	33 07.5	33 01.6	32 95.7	32 89.8	32 83.9	32 78.0	32 72.1	32 66.2	32 60.3	32 54.4
173	m s	33 20.6	33 15.3	33 09.4	33 03.5	32 97.6	32 91.7	32 85.8	32 79.9	32 74.0	32 68.1	32 62.2	32 56.3	32 50.4
174	m s	33 16.7	33 11.4	33 05.5	32 99.6	32 93.7	32 87.8	32 81.9	32 76.0	32 70.1	32 64.2	32 58.3	32 52.4	32 46.5
175	m s	33 13.0	33 07.7	33 01.8	32 95.9	32 90.0	32 84.1	32 78.2	32 72.3	32 66.4	32 60.5	32 54.6	32 48.7	32 42.8
176	m s	33 09.3	33 04.0	32 98.1	32 92.2	32 86.3	32 80.4	32 74.5	32 68.6	32 62.7	32 56.8	32 50.9	32 45.0	32 39.1
177	m s	33 05.6	33 00.3	32 94.4	32 88.5	32 82.6	32 76.7	32 70.8	32 64.9	32 59.0	32 53.1	32 47.2	32 41.3	32 35.4
178	m s	33 02.0	32 56.7	32 50.8	32 44.9	32 39.0	32 33.1	32 27.2	32 21.3	32 15.4	32 09.5	32 03.6	31 97.7	31 91.8
179	m s	32 58.5	32 53.2	32 47.3	32 41.4	32 35.5	32 29.6	32 23.7	32 17.8	32 11.9	32 06.0	31 10.1	31 04.2	30 98.3
180	m s	32 55.0	32 49.7	32 43.8	32 37.9	32 32.0	32 26.1	32 20.2	32 14.3	32 08.4	32 02.5	31 96.6	31 90.7	31 84.8
181	m s	32 51.3	32 46.0	32 40.1	32 34.2	32 28.3	32 22.4	32 16.5	32 10.6	32 04.7	31 98.8	31 92.9	31 87.0	31 81.1
182	m s	32 47.6	32 42.3	32 36.4	32 30.5	32 24.6	32 18.7	32 12.8	32 06.9	32 01.0	31 95.1	31 89.2	31 83.3	31 77.4
183	m s	32 44.0	32 38.7	32 32.8	32 26.9	32 21.0	32 15.1	32 09.2	32 03.3	31 97.4	31 91.5	31 85.6	31 79.7	31 73.8
184	m s	32 40.5	32 35.2	32 29.3	32 23.4	32 17.5	32 11.6	32 05.7	31 99.8	31 93.9	31 88.0	31 82.1	31 76.2	31 70.3
185	m s	32 37.0	32 31.7	32 25.8	32 19.9	32 14.0	32 08.1	32 02.2	31 96.3	31 90.4	31 84.5	31 78.6	31 72.7	31 66.8
186	m s	32 33.5	32 28.2	32 22.3	32 16.4	32 10.5	32 04.6	31 98.7	31 92.8	31 86.9	31 81.0	31 75.1	31 69.2	31 63.3
187	m s	32 30.2	32 24.9	32 19.0	32 13.1	32 07.2	32 01.3	31 95.4	31 89.5	31 83.6	31 77.7	31 71.8	31 65.9	31 60.0
188	m s	32 27.0	32 21.7	32 15.8	32 09.9	32 04.0	31 98.1	31 92.2	31 86.3	31 80.4	31 74.5	31 68.6	31 62.7	31 56.8
189	m s	32 23.9	32 18.6	32 12.7	32 06.8	32 00.9	31 95.0	31 89.1	31 83.2	31 77.3	31 71.4	31 65.5	31 59.6	31 53.7

Depth  $h =$

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
190	32	21.0	32	15.7	32	08.1	32	00.6	31	53.3	31	45.2	31	39.3	31	32.7	31	26.2	31	20.2	31	14.7	31	09.5	31	04.4	30	59.3
191	32	18.2	32	12.9	32	05.3	31	57.8	31	50.5	31	43.4	31	36.5	31	29.9	31	23.4	31	17.4	31	11.9	31	06.7	31	01.6	30	56.5
192	32	15.6	32	10.3	32	02.7	31	55.2	31	47.9	31	40.8	31	33.9	31	27.3	31	20.8	31	14.8	31	09.3	31	04.1	30	59.0	30	53.9
193	32	13.2	32	07.9	32	00.3	31	52.8	31	45.5	31	38.4	31	31.5	31	24.9	31	18.4	31	12.4	31	06.9	31	01.7	30	56.6	30	51.5
194	32	11.0	32	05.7	31	58.1	31	50.6	31	43.3	31	36.2	31	29.3	31	22.7	31	16.2	31	10.2	31	04.7	30	59.5	30	54.4	30	49.3

BRANCH DF

	m		s		m		s		m		s		m		s		m		s		m		s		m		s	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
127	30	56.0	30	50.6	30	42.6	30	34.8	30	27.2	30	19.8	30	12.5	30	05.5	29	58.8	29	52.3	29	46.2	29	40.3	29	34.5	29	28.7
128	30	58.0	30	52.7	30	44.7	30	36.9	30	29.3	30	21.9	30	14.6	30	07.6	30	01.0	29	54.5	29	48.5	29	42.5	29	36.7	29	30.9
129	31	00.0	30	54.7	30	46.7	30	38.9	30	31.3	30	24.0	30	16.7	30	09.7	30	03.0	29	56.5	29	50.4	29	44.5	29	38.7	29	33.0
130	31	02.0	30	56.5	30	48.6	30	40.8	30	33.3	30	25.9	30	18.6	30	11.6	30	05.0	29	53.5	29	52.3	29	46.5	29	40.7	29	35.0
131	31	03.8	30	58.5	30	50.5	30	42.7	30	35.1	30	27.8	30	20.5	30	13.5	30	06.8	30	00.3	29	54.2	29	48.3	29	42.6	29	36.9
132	31	05.6	31	00.3	30	52.3	30	44.5	30	37.0	30	29.6	30	22.3	30	15.3	30	08.7	30	02.2	29	56.0	29	50.2	29	44.4	29	38.7
133	31	07.4	31	02.1	30	54.1	30	46.3	30	38.7	30	31.4	30	24.1	30	17.1	30	10.5	30	04.0	29	57.8	29	52.0	29	46.3	29	40.5
134	31	09.2	31	03.8	30	55.8	30	48.1	30	40.5	30	33.2	30	25.9	30	18.9	30	12.3	30	05.8	29	59.6	29	53.8	29	48.1	29	42.4
135	31	11.0	31	05.6	30	57.6	30	49.9	30	42.3	30	35.0	30	27.7	30	20.7	30	14.1	30	07.6	30	01.5	29	55.6	29	49.9	29	44.2
136	31	12.8	31	07.5	30	59.5	30	51.7	30	44.2	30	36.8	30	29.5	30	22.6	30	15.9	30	09.5	30	03.3	29	57.5	29	51.7	29	46.0
137	31	14.9	31	09.6	31	01.6	30	53.5	30	46.3	30	38.9	30	31.6	30	24.7	30	18.0	29	11.6	29	05.4	29	59.6	29	53.9	29	48.2
138	31	16.9	31	11.6	31	03.6	30	55.8	30	48.3	30	40.9	30	33.7	30	26.7	30	20.0	30	13.6	30	07.4	30	01.6	29	55.9	29	50.2
139	31	18.9	31	13.6	31	05.6	30	57.9	30	50.3	30	42.9	30	35.7	30	28.7	30	22.1	30	15.6	30	09.5	30	03.6	29	57.9	29	52.2
140	31	21.0	31	15.6	31	07.6	30	59.9	30	52.3	30	45.1	30	37.7	30	30.7	30	24.1	30	17.6	30	11.5	30	05.6	29	59.9	29	54.2
141	31	23.0	31	17.7	31	09.7	31	01.9	30	54.4	30	47.0	30	39.7	30	32.8	30	26.1	30	19.7	30	13.5	30	07.7	30	01.9	29	56.2
142	31	25.0	31	19.7	31	11.7	31	03.9	30	56.4	30	49.0	30	41.8	30	34.8	30	28.1	30	21.7	30	15.5	30	09.7	30	04.0	29	58.2
143	31	27.0	31	21.7	31	13.7	31	05.9	30	58.4	30	51.0	30	43.8	30	36.8	30	30.1	30	23.7	30	17.5	30	11.7	30	05.9	30	00.2
144	31	29.0	31	23.7	31	15.7	31	07.9	31	00.4	30	53.0	30	45.7	30	38.7	30	32.1	30	25.6	30	19.5	30	13.6	30	07.9	30	02.2
145	31	31.0	31	25.6	31	17.6	31	09.9	31	02.3	30	54.9	30	47.7	30	40.7	30	34.0	30	27.6	30	21.4	30	15.6	30	09.8	30	04.1
146	31	32.9	31	27.5	31	19.6	31	11.8	31	04.2	30	56.8	30	49.6	30	42.6	30	35.9	30	29.4	30	23.3	30	17.5	30	11.7	30	06.0
147	31	34.6	31	29.2	31	21.2	31	13.5	31	05.9	30	58.5	30	51.2	30	44.3	30	37.6	30	31.1	30	25.0	30	19.1	30	13.4	30	07.6
148	31	36.4	31	31.0	31	23.0	31	15.2	31	07.7	31	00.3	30	53.0	30	46.0	30	39.4	30	32.9	30	26.8	30	20.9	30	15.1	30	09.4
149	31	38.2	31	32.8	31	24.8	31	17.0	31	09.5	31	02.1	30	54.8	30	47.6	30	41.1	30	34.6	30	28.6	30	22.7	30	16.9	30	11.1
150	31	40.0	31	34.6	31	26.6	31	18.8	31	11.2	31	03.9	30	56.6	30	49.6	30	42.9	30	36.4	30	30.3	30	24.5	30	18.6	30	12.9
151	31	41.8	31	36.4	31	28.4	31	20.6	31	13.0	31	05.6	30	58.4	30	51.4	30	44.7	30	38.2	30	32.1	30	26.2	30	20.4	30	14.6
152	31	43.6	31	38.2	31	30.2	31	22.4	31	14.8	31	07.4	31	00.1	30	53.1	30	46.4	30	39.9	30	33.9	30	28.0	30	22.1	30	16.3
153	31	45.4	31	40.0	31	32.2	31	24.2	31	16.6	31	09.2	31	01.9	30	54.9	30	48.2	30	41.7	30	35.6	30	29.8	30	23.9	30	18.1
154	31	47.2	31	41.8	31	33.8	31	26.0	31	18.4	31	11.0	31	03.7	30	56.7	30	50.0	30	43.5	30	37.4	30	31.5	30	25.6	30	19.8
155	31	49.0	31	43.6	31	35.6	31	27.8	31	20.1	31	12.7	31	05.5	30	58.5	30	51.7	30	45.2	30	39.2	30	33.3	30	27.4	30	21.5
156	31	50.8	31	45.4	31	37.4	31	29.6	31	21.9	31	14.5	31	07.3	31	00.2	30	53.5	30	47.0	30	40.9	30	35.0	30	29.1	30	23.3
157	31	52.6	31	47.3	31	39.3	31	31.4	31	23.8	31	16.3	31	09.1	31	02.1	30	55.3	30	48.8	30	42.8	30	36.8	30	30.9	30	25.1

Depth  $h =$

Surface	0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12			
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s		
158	31	54.4	31	49.1	31	41.1	31	33.2	31	25.6	31	18.1	31	10.9	31	03.8	30	57.1	30	50.6	30	44.5	30	36.6	30	32.7	30	26.8
159	31	56.2	31	50.8	31	42.8	31	35.0	31	27.3	31	19.9	31	12.6	31	05.6	30	58.8	30	52.3	30	46.3	30	40.3	30	34.4	30	28.5
160	31	58.0	31	52.6	31	44.6	31	36.7	31	29.1	31	21.6	31	14.4	31	07.3	31	00.5	30	54.0	30	48.0	30	42.1	30	36.1	30	30.2
161	31	59.7	31	54.3	31	46.3	31	38.4	31	30.7	31	23.3	31	16.0	31	09.0	31	02.2	30	55.7	30	49.7	30	43.7	30	37.7	30	31.8
162	32	01.3	31	56.0	31	48.0	31	40.1	31	32.4	31	24.9	31	17.7	31	10.6	31	03.8	30	57.3	30	51.3	30	45.3	30	39.4	30	33.4
163	32	02.9	31	57.6	31	49.6	31	41.7	31	34.0	31	26.5	31	19.3	31	12.2	31	05.4	30	58.9	30	52.8	30	46.9	30	40.9	30	35.0
164	32	04.5	31	59.1	31	51.1	31	43.2	31	35.5	31	28.1	31	20.8	31	13.7	31	06.9	31	00.4	30	54.3	30	48.4	30	42.4	30	36.4
165	32	06.0	32	00.6	31	52.6	31	44.7	31	37.0	31	29.5	31	22.2	31	15.2	31	08.3	31	01.8	30	55.8	30	49.8	30	43.8	30	37.8
166	32	07.3	32	02.0	31	54.0	31	46.1	31	38.3	31	30.9	31	23.6	31	16.5	31	09.7	31	03.2	30	57.1	30	51.2	30	45.1	30	39.2
167	32	08.5	32	03.1	31	55.1	31	47.2	31	39.5	31	32.0	31	24.8	31	17.7	31	10.8	31	04.3	30	58.3	30	52.3	30	46.3	30	40.3
168	32	09.7	32	04.4	31	56.3	31	48.4	31	40.7	31	33.2	31	26.0	31	18.9	31	12.0	31	05.5	30	59.4	30	53.5	30	47.4	30	41.4
169	32	10.9	32	05.5	31	57.5	31	49.6	31	41.8	31	34.4	31	27.1	31	20.0	31	13.1	31	06.6	31	00.5	30	54.6	30	48.5	30	42.5
170	32	12.0	32	06.6	31	58.5	31	50.6	31	42.9	31	35.4	31	28.1	31	21.0	31	14.1	31	07.6	31	01.6	30	55.6	30	49.5	30	43.5
171	32	12.9	32	07.6	31	59.5	31	51.6	31	43.9	31	36.4	31	29.1	31	22.0	31	15.1	31	08.6	31	02.5	30	56.5	30	50.5	30	44.5
172	32	13.8	32	08.5	32	00.4	31	52.5	31	44.8	31	37.3	31	30.0	31	22.9	31	16.0	31	09.5	31	03.4	30	57.4	30	51.3	30	45.3
173	32	14.7	32	09.3	32	01.2	31	53.3	31	45.6	31	38.1	31	30.8	31	23.7	31	16.8	31	10.3	31	04.1	30	58.2	30	52.1	30	46.1
174	32	15.4	32	10.0	32	01.9	31	54.0	31	46.3	31	38.8	31	31.5	31	24.4	31	17.4	31	10.9	31	04.8	30	58.8	30	52.8	30	46.8
175	32	16.0	32	10.6	32	02.5	31	54.6	31	46.9	31	39.4	31	32.1	31	24.9	31	18.0	31	11.5	31	05.4	30	59.4	30	53.3	30	47.3
176	32	16.4	32	11.1	32	03.0	31	55.1	31	47.3	31	39.9	31	32.6	31	25.4	31	18.5	31	12.0	31	05.8	30	59.8	30	53.8	30	47.8
177	32	16.8	32	11.4	32	03.3	31	55.4	31	47.7	31	40.2	31	32.9	31	25.7	31	18.8	31	12.3	31	06.1	31	00.1	30	54.1	30	48.1
178	32	17.0	32	11.6	32	03.5	31	55.6	31	47.9	31	40.4	31	33.1	31	25.9	31	19.0	31	12.5	31	06.3	31	00.3	30	54.3	30	48.3
179	32	17.0	32	11.7	32	03.6	31	55.7	31	48.0	31	40.5	31	33.2	31	26.0	31	19.1	31	12.6	31	06.3	31	00.3	30	54.3	30	48.3
180	32	17.0	32	11.6	32	03.5	31	55.6	31	47.9	31	40.4	31	33.1	31	25.9	31	19.0	31	12.5	31	06.2	31	00.2	30	54.2	30	48.2

$\Delta$	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
160	35 34.8	35 29.5	35 21.3	35 14.4	35 07.1	35 00.0	34 53.1	34 46.5	34 40.0	34 34.0	34 28.5	34 23.3	34 18.2	34 13.1
161	35 37.5	35 32.2	35 24.6	35 17.1	35 09.8	35 02.7	34 55.8	34 49.2	34 42.7	34 36.7	34 31.2	34 26.0	34 20.9	34 15.8
162	35 40.5	35 35.2	35 27.6	35 20.1	35 12.8	35 05.7	34 58.8	34 52.2	34 45.7	34 39.7	34 34.2	34 29.0	34 23.9	34 18.8
163	35 43.7	35 38.4	35 30.8	35 23.3	35 16.0	35 08.9	35 02.0	34 55.4	34 48.9	34 42.9	34 37.4	34 32.2	34 27.1	34 22.0
164	35 47.1	35 41.8	35 34.2	35 26.7	35 19.4	35 12.3	35 05.4	34 58.8	34 52.3	34 46.3	34 40.8	34 35.6	34 30.5	34 25.4
165	35 50.5	35 45.2	35 37.6	35 30.1	35 22.8	35 15.7	35 08.8	35 02.2	34 55.7	34 49.7	34 44.2	34 39.0	34 33.9	34 28.8
166	35 54.1	35 48.8	35 41.2	35 33.7	35 26.4	35 19.3	35 12.4	35 05.8	34 59.3	34 53.3	34 47.8	34 42.6	34 37.5	34 32.4
167	35 57.7	35 52.4	35 44.8	35 37.3	35 30.0	35 22.9	35 16.0	35 09.4	35 02.9	34 56.9	34 51.4	34 46.2	34 41.1	34 36.0
168	36 01.4	35 56.1	35 48.5	35 41.0	35 33.7	35 26.6	35 19.7	35 13.1	35 06.6	35 00.6	34 55.1	34 49.9	34 44.8	34 39.7
169	36 05.2	35 59.9	35 52.3	35 44.8	35 37.5	35 30.4	35 23.5	35 16.9	35 10.4	35 04.4	34 58.9	34 53.7	34 48.6	34 43.5
170	36 09.1	36 03.8	35 56.2	35 48.7	35 41.4	35 34.3	35 27.4	35 20.8	35 14.3	35 08.3	35 02.8	34 57.6	34 52.5	34 47.4
171	36 13.0	36 07.7	36 00.1	35 52.6	35 45.3	35 38.2	35 31.3	35 24.7	35 18.2	35 12.2	35 06.7	35 01.5	34 56.4	34 51.3
172	36 16.9	36 11.6	36 04.0	35 56.5	35 49.2	35 42.1	35 35.2	35 28.6	35 22.1	35 16.1	35 10.6	35 05.4	35 00.3	34 55.2
173	36 20.9	36 15.6	36 08.0	36 00.5	35 53.2	35 46.1	35 39.2	35 32.6	35 26.1	35 20.1	35 14.6	35 09.4	35 04.3	34 59.2
174	36 25.0	36 19.7	36 12.1	36 04.6	35 57.3	35 50.2	35 43.3	35 36.7	35 30.2	35 24.2	35 18.7	35 13.5	35 08.4	35 03.3
175	36 29.1	36 23.8	36 16.2	36 08.7	36 01.4	35 54.3	35 47.4	35 40.8	35 34.3	35 28.4	35 22.8	35 17.6	35 12.5	35 07.4
176	36 33.2	36 27.9	36 20.3	36 12.8	36 05.5	35 58.4	35 51.5	35 44.9	35 38.4	35 32.4	35 26.9	35 21.7	35 16.6	35 11.5
177	36 37.4	36 32.1	36 24.5	36 17.0	36 09.7	36 02.6	35 55.7	35 49.1	35 42.6	35 36.6	35 31.1	35 25.9	35 20.8	35 15.7
178	36 41.6	36 36.3	36 28.7	36 21.2	36 13.9	36 06.8	35 59.9	35 53.3	35 46.8	35 40.8	35 35.3	35 30.1	35 25.0	35 19.9
179	36 45.8	36 40.5	36 32.9	36 25.4	36 18.1	36 11.0	36 04.1	35 57.5	35 51.0	35 45.0	35 39.5	35 34.3	35 29.2	35 24.1
180	36 50.0	36 44.7	36 37.1	36 29.6	36 22.3	36 15.2	36 08.3	36 01.7	35 55.2	35 49.2	35 43.7	35 38.5	35 33.4	35 28.3
181	36 54.3	36 49.0	36 41.4	36 33.9	36 26.6	36 19.5	36 12.6	36 06.0	35 59.5	35 53.5	35 48.0	35 42.8	35 37.7	35 32.6
182	36 58.5	36 53.2	36 45.6	36 38.1	36 30.8	36 23.7	36 16.8	36 10.2	36 03.7	35 57.7	35 52.2	35 47.0	35 41.9	35 36.8
183	37 02.8	36 57.5	36 49.9	36 42.4	36 35.1	36 28.0	36 21.1	36 14.5	36 08.0	36 02.0	35 56.5	35 51.3	35 46.2	35 41.1
184	37 07.1	37 01.8	36 54.2	36 46.7	36 39.4	36 32.3	36 25.4	36 18.8	36 12.3	36 06.3	36 00.8	35 55.6	35 50.5	35 45.4
185	37 11.4	37 06.1	36 58.5	36 51.0	36 43.7	36 36.6	36 29.7	36 23.1	36 16.6	36 10.6	36 05.1	35 59.9	35 54.8	35 49.7
186	37 15.7	37 10.4	37 02.8	36 55.3	36 48.0	36 40.9	36 34.0	36 27.4	36 20.9	36 14.9	36 09.4	36 04.2	35 59.1	35 54.0
187	37 20.0	37 14.7	37 07.1	36 59.6	36 52.3	36 45.2	36 38.3	36 31.7	36 25.2	36 19.2	36 13.7	36 08.5	36 03.4	35 58.3
188	37 24.3	37 19.0	37 11.4	37 03.9	36 56.6	36 49.5	36 42.6	36 36.0	36 29.5	36 23.5	36 18.0	36 12.8	36 07.7	36 02.6
189	37 28.7	37 23.4	37 15.8	37 08.3	37 01.0	36 53.9	36 47.0	36 40.4	36 33.9	36 27.9	36 22.4	36 17.2	36 12.1	36 07.0
190	37 33.0	37 27.7	37 20.1	37 12.6	37 05.3	36 58.2	36 51.3	36 44.7	36 38.2	36 32.2	36 26.7	36 21.5	36 16.4	36 11.3
191	37 37.4	37 32.1	37 24.5	37 17.0	37 09.7	37 02.6	36 55.7	36 49.1	36 42.6	36 36.6	36 31.1	36 25.9	36 20.8	36 15.7
192	37 41.7	37 36.4	37 28.8	37 21.3	37 14.0	37 06.9	37 00.0	36 53.4	36 46.9	36 40.9	36 35.4	36 30.2	36 25.1	36 20.0
193	37 46.1	37 40.8	37 33.2	37 25.7	37 18.4	37 11.3	37 04.4	36 57.8	36 51.3	36 45.3	36 39.8	36 34.6	36 29.5	36 24.4
194	37 50.4	37 45.1	37 37.5	37 30.0	37 22.7	37 15.6	37 08.7	37 02.1	36 55.6	36 49.6	36 44.1	36 38.9	36 33.8	36 28.7
195	37 54.8	37 49.5	37 41.9	37 34.4	37 27.1	37 20.0	37 13.1	37 06.5	37 00.0	36 54.0	36 48.5	36 43.3	36 38.2	36 33.1
196	37 59.2	37 53.9	37 46.3	37 38.8	37 31.5	37 24.4	37 17.5	37 10.9	37 04.4	36 58.4	36 52.9	36 47.7	36 42.6	36 37.5
197	38 03.6	37 58.3	37 50.7	37 43.2	37 35.9	37 28.8	37 21.9	37 15.3	37 08.8	37 02.8	36 57.3	36 52.1	36 47.0	36 41.9
198	38 08.0	38 02.7	37 55.1	37 47.6	37 40.3	37 33.2	37 26.3	37 19.7	37 13.2	37 07.2	37 01.7	36 56.5	36 51.4	36 46.3
199	38 12.4	38 07.1	37 59.5	37 52.0	37 44.7	37 37.6	37 30.7	37 24.1	37 17.6	37 11.6	37 06.1	37 00.9	26 55.8	36 50.7

Depth  $h =$ 

	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
200	38 16.8	38 11.5	38 03.9	37 56.4	37 49.1	37 42.0	37 35.1	37 28.5	37 22.0	37 16.0	37 10.5	37 05.3	37 00.2	36 55.1
201	38 21.3	38 16.0	38 08.4	38 00.9	37 53.6	37 46.5	37 39.6	37 33.0	37 26.5	37 20.5	37 15.0	37 09.8	37 04.7	36 59.6
202	38 25.8	38 20.5	38 12.9	38 05.4	37 58.1	37 51.0	37 44.1	37 37.5	37 31.0	37 25.0	37 19.5	37 14.3	37 09.2	37 04.1
203	38 30.2	38 24.9	38 17.3	38 09.8	38 02.5	37 55.4	37 48.5	37 41.9	37 35.4	37 29.4	37 23.9	37 18.7	37 13.6	37 08.5
204	38 34.6	38 29.3	38 21.7	38 14.2	38 06.9	37 59.8	37 52.9	37 46.3	37 39.8	37 33.8	37 28.3	37 23.1	37 18.0	37 12.9
205	38 39.1	38 33.8	38 26.2	38 18.7	38 11.4	38 04.3	37 57.4	37 50.8	37 44.3	37 38.3	37 32.8	37 27.6	37 22.5	37 17.4
206	38 43.5	38 38.2	38 30.6	38 23.1	38 15.8	38 08.7	38 01.8	37 55.2	37 48.7	37 42.7	37 37.2	37 32.0	37 26.9	37 21.8

BRANCH D

	m	m	m	m	m	m	m	m	m	m	m	m	m	m
121	34 19.7	34 14.3	34 06.3	33 58.5	33 50.9	33 43.5	33 36.2	33 29.2	33 22.5	33 16.0	33 09.9	33 04.0	32 58.2	32 52.4
122	34 21.7	34 16.3	34 08.3	34 00.5	33 52.9	33 45.5	33 38.2	33 31.2	33 24.5	33 18.0	33 11.9	33 06.0	33 00.2	32 54.4
123	34 23.6	34 18.2	34 10.2	34 02.4	33 54.8	33 47.4	33 40.1	33 33.1	33 26.4	33 19.9	33 13.8	33 07.9	33 02.1	32 56.3
124	34 25.6	34 20.2	34 12.2	34 04.4	33 56.8	33 49.4	33 42.1	33 35.1	33 28.4	33 21.9	33 15.8	33 09.9	33 04.1	32 58.3
125	34 27.5	34 22.1	34 14.1	34 06.3	33 58.7	33 51.3	33 44.0	33 37.0	33 30.3	33 23.8	33 17.7	33 11.8	33 06.0	33 00.2
126	34 29.5	34 24.1	34 16.1	34 08.3	34 00.7	33 53.3	33 46.0	33 39.0	33 32.3	33 25.8	33 19.7	33 13.8	33 08.0	33 02.2
127	34 31.4	34 26.0	34 18.0	34 10.2	34 02.6	33 55.2	33 47.9	33 40.9	33 34.2	33 27.7	33 21.6	33 15.7	33 09.9	33 04.1
128	34 33.4	34 28.0	34 20.0	34 12.2	34 04.6	33 57.2	33 49.9	33 42.9	33 36.2	33 29.7	33 23.6	33 17.7	33 11.9	33 06.1
129	34 35.3	34 29.9	34 21.9	34 14.1	34 06.5	33 59.1	33 51.8	33 44.8	33 38.1	33 31.6	33 25.5	33 19.6	33 13.8	33 08.0
130	34 37.3	34 31.9	34 23.9	34 16.1	34 08.5	34 01.1	33 53.8	33 46.8	33 40.1	33 33.6	33 27.5	33 21.6	33 15.8	33 10.0
131	34 39.2	34 33.8	34 25.8	34 18.0	34 10.4	34 03.0	33 55.7	33 48.7	33 42.0	33 35.5	33 29.4	33 23.5	33 17.7	33 11.9
132	34 41.1	34 35.7	34 27.7	34 19.9	34 12.3	34 04.9	33 57.6	33 50.6	33 43.9	33 37.4	33 31.3	33 25.4	33 19.6	33 13.8
133	34 43.1	34 37.7	34 29.7	34 21.9	34 14.3	34 06.9	33 59.6	33 52.6	33 45.9	33 39.4	33 33.3	33 27.4	33 21.6	33 15.8
134	34 45.0	34 39.6	34 31.6	34 23.8	34 16.2	34 08.8	34 01.5	33 54.5	33 47.8	33 41.3	33 35.2	33 29.3	33 23.5	33 17.7
135	34 47.0	34 41.6	34 33.6	34 25.8	34 18.2	34 10.8	34 03.5	33 56.5	33 49.8	33 43.3	33 37.2	33 31.3	33 25.5	33 19.7
136	34 48.9	34 43.5	34 35.5	34 27.7	34 20.1	34 12.7	34 05.4	33 58.4	33 51.7	33 45.2	33 39.1	33 33.2	33 27.4	33 21.6
137	34 50.8	34 45.4	34 37.4	34 29.6	34 22.0	34 14.6	34 07.3	34 00.3	33 53.6	33 47.1	33 41.0	33 35.1	33 29.3	33 23.5
138	34 52.8	34 47.4	34 39.4	34 31.6	34 24.0	34 16.6	34 09.3	34 02.3	33 55.6	33 49.1	33 43.0	33 37.1	33 31.3	33 25.5
139	34 54.7	34 49.3	34 41.3	34 33.5	34 25.9	34 18.5	34 11.2	34 04.2	33 57.5	33 51.0	33 44.9	33 39.0	33 33.2	33 27.4
140	34 56.7	34 51.3	34 43.3	34 35.5	34 27.9	34 20.5	34 13.2	34 06.2	33 59.5	33 53.0	33 46.9	33 41.0	33 35.2	33 29.4
141	34 58.6	34 53.2	34 45.2	34 37.4	34 29.8	34 22.4	34 15.1	34 08.1	34 01.4	33 54.9	33 48.8	33 42.9	33 37.1	33 31.3
142	35 00.5	34 55.1	34 47.1	34 39.3	34 31.7	34 24.3	34 17.0	34 10.0	34 03.3	33 56.8	33 50.7	33 44.8	33 39.0	33 33.2
143	35 02.4	34 57.0	34 49.0	34 41.2	34 33.6	34 26.2	34 18.9	34 11.9	34 05.2	33 58.7	33 52.6	33 46.7	33 40.9	33 35.1
144	35 04.2	34 58.8	34 50.8	34 43.0	34 35.4	34 28.0	34 20.7	34 13.7	34 07.0	34 00.5	33 54.4	33 48.5	33 42.7	33 36.9
145	35 06.1	35 00.7	34 52.7	34 44.9	34 37.3	34 29.9	34 22.6	34 15.6	34 08.9	34 02.4	33 56.3	33 50.4	33 44.6	33 38.8
146	35 07.9	35 02.5	34 54.5	34 46.7	34 39.1	34 31.7	34 24.4	34 17.4	34 10.7	34 04.2	33 58.1	33 52.2	33 46.4	33 40.6
147	35 09.7	35 04.3	34 56.3	34 48.5	34 40.9	34 33.5	34 26.2	34 19.2	34 12.5	34 06.0	33 59.9	33 54.0	33 48.2	33 42.4
148	35 11.5	35 06.1	34 58.1	34 50.3	34 42.7	34 35.3	34 28.0	34 21.0	34 14.3	34 07.8	34 01.7	33 55.8	33 50.0	33 44.2
149	35 13.3	35 07.9	34 59.9	34 52.1	34 44.5	34 37.1	34 29.8	34 22.8	34 16.1	34 09.6	34 03.5	33 57.6	33 51.8	33 46.0

Depth  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
150	35 15.1	35 09.7	35 01.7	34 53.9	34 46.3	34 38.9	34 31.6	34 24.6	34 17.9	34 11.4	34 05.3	34 59.4	33 53.6	33 47.8
151	35 16.9	35 11.5	35 03.5	34 55.7	34 48.2	34 40.7	34 33.5	34 26.5	34 19.8	34 13.3	34 07.2	34 01.2	33 55.4	33 49.7
152	35 18.6	35 13.3	35 05.3	34 57.5	34 49.9	34 42.5	34 35.2	34 28.2	34 21.5	34 15.0	34 08.9	34 03.0	33 57.2	33 51.4
153	35 20.3	35 15.0	35 07.0	34 59.2	34 51.7	34 44.2	34 37.0	34 29.9	34 23.2	34 16.8	34 10.6	34 04.7	33 58.9	33 53.1
154	35 22.0	35 16.7	35 08.8	35 00.9	34 53.4	34 46.0	34 38.7	34 31.7	34 25.0	34 18.5	34 12.4	34 06.4	34 00.6	33 54.8
155	35 23.7	35 18.4	35 10.5	35 02.7	34 55.1	34 47.7	34 40.4	34 33.4	34 26.7	34 20.2	34 14.1	34 08.1	34 02.3	33 56.5
156	35 25.4	35 20.1	35 12.2	35 04.3	34 56.8	34 49.4	34 42.1	34 35.0	34 28.3	34 21.9	34 15.7	34 09.8	34 03.9	33 58.1
157	35 27.1	35 21.8	35 13.9	35 06.0	34 58.5	34 51.0	34 43.7	34 36.7	34 29.9	34 23.5	34 17.3	34 11.4	34 05.5	33 59.7
158	35 28.7	35 23.4	35 15.5	35 07.6	35 00.1	34 52.6	34 45.3	34 38.2	34 31.4	34 25.0	34 18.8	34 12.8	34 06.9	34 01.1
159	35 30.3	35 25.0	35 17.0	35 09.2	35 01.6	34 54.1	34 46.9	34 39.7	34 32.9	34 26.5	34 20.3	34 14.3	34 08.4	34 02.5
160	35 31.8	35 26.5	35 18.5	35 10.6	35 03.1	34 55.5	34 48.2	34 41.1	34 34.3	34 27.8	34 21.7	34 15.7	34 09.7	34 03.8
161	35 33.3	35 27.9	35 20.0	35 12.1	35 04.5	34 57.0	34 49.6	34 42.5	34 35.7	34 29.2	34 23.1	34 17.1	34 11.1	34 05.2
162	35 34.7	35 29.3	35 21.4	35 13.5	35 05.9	34 58.3	34 51.0	34 43.9	34 37.1	34 30.6	34 24.4	34 18.4	34 12.4	34 06.5
163	35 36.0	35 30.6	35 22.6	35 14.7	35 07.1	34 59.6	34 52.3	34 45.2	34 38.3	34 31.8	34 25.7	34 19.7	34 13.7	34 07.7
164	35 37.3	35 31.9	35 23.9	35 16.0	35 08.3	35 00.8	34 53.5	34 46.4	34 39.5	34 33.0	34 26.9	34 20.9	34 14.9	34 08.9
165	35 38.6	35 33.2	35 25.2	35 17.3	35 09.6	35 02.1	34 54.8	34 47.7	34 40.8	34 34.3	34 28.2	34 22.2	34 16.2	34 10.2
166	35 39.7	35 34.3	35 26.3	35 18.4	35 10.7	35 03.2	34 55.9	34 48.8	34 41.9	34 35.4	34 29.3	34 23.3	34 17.3	34 11.2
167	35 40.7	35 35.3	35 27.3	35 19.4	35 11.7	35 04.2	34 56.9	34 49.8	34 42.8	34 36.3	34 30.2	34 24.2	34 18.2	34 12.2
168	35 41.7	35 36.3	35 28.3	35 20.4	35 12.7	35 05.2	34 57.9	34 50.7	34 43.8	34 37.3	34 31.2	34 25.2	34 19.2	34 13.2
169	35 42.7	35 37.3	35 29.3	35 21.4	35 13.7	35 06.2	34 58.9	34 51.7	34 44.8	34 38.3	34 32.2	34 26.2	34 20.2	34 14.2
170	35 43.7	35 38.3	35 30.3	35 22.4	35 14.7	35 07.2	34 59.9	34 52.7	34 45.8	34 39.3	34 33.2	34 27.2	34 21.2	34 15.1
171	35 44.5	35 39.1	35 31.0	35 23.1	35 15.4	35 07.9	35 00.6	34 53.5	34 46.6	34 40.1	34 33.9	34 27.9	34 21.9	34 15.9
172	35 45.2	35 39.8	35 31.7	35 23.8	35 16.1	35 08.6	35 01.3	34 54.1	34 47.2	34 40.7	34 34.6	34 28.6	34 22.6	34 16.6
173	35 45.8	35 40.4	35 32.3	35 24.4	35 16.7	35 09.2	35 01.9	34 54.7	34 47.8	34 41.3	34 35.1	34 29.1	34 23.1	34 17.1
174	35 46.4	35 41.0	35 32.7	35 25.0	35 17.3	35 09.8	35 02.5	34 55.3	34 48.4	34 41.9	34 35.7	34 29.7	34 23.7	34 17.7
175	35 46.9	35 41.5	35 33.4	35 25.5	35 17.8	35 10.3	35 03.0	34 55.8	34 48.9	34 42.4	34 36.1	34 30.1	34 24.1	34 18.1
176	35 47.3	35 41.9	35 33.8	35 25.9	35 18.2	35 10.7	35 03.4	34 56.2	34 49.3	34 42.8	34 36.5	34 30.5	34 24.5	34 18.5
177	35 47.6	35 42.2	35 34.1	35 26.2	35 18.5	35 11.0	35 03.7	34 56.5	34 49.6	34 43.1	34 36.7	34 30.7	34 24.7	34 18.7
178	35 47.8	35 42.4	35 34.3	35 26.4	35 18.7	35 11.2	35 03.9	34 56.7	34 49.8	34 43.3	34 36.9	34 30.9	34 24.9	34 18.9
179	35 47.9	35 42.5	35 34.4	35 26.5	35 18.8	35 11.3	35 04.0	34 56.8	34 49.9	34 43.4	34 37.1	34 31.1	34 25.1	34 19.1
180	35 47.9	35 42.5	35 34.4	35 26.5	35 18.8	35 11.3	35 04.0	34 56.8	34 49.9	34 43.4	34 37.1	34 31.1	34 25.1	34 19.1

Depth  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
0	40 24.0	40 18.6	40 10.5	40 02.6	39 54.9	39 47.4	39 40.1	39 32.9	39 26.0	39 19.5	39 13.2	39 07.2	39 01.2	38 55.2
1	40 24.0	40 18.7	40 10.6	40 02.7	39 55.0	39 47.5	39 40.2	39 33.0	39 26.1	39 19.6	39 13.3	39 07.3	39 01.3	38 55.3
2	40 24.1	40 18.7	40 10.6	40 02.7	39 55.0	39 47.5	39 40.2	39 33.0	39 26.1	39 19.6	39 13.3	39 07.3	39 01.3	38 55.3
3	40 24.1	40 18.7	40 10.6	40 02.7	39 55.0	39 47.5	39 40.2	39 33.0	39 26.1	39 19.6	39 13.3	39 07.3	39 01.3	38 55.3
4	40 24.0	40 18.6	40 10.5	40 02.6	39 54.9	39 47.4	39 40.1	39 32.9	39 26.0	39 19.5	39 13.2	39 07.2	39 01.2	38 55.2
5	40 23.8	40 18.5	40 10.4	40 02.5	39 54.8	39 47.3	39 40.0	39 32.8	39 25.9	39 19.4	39 13.1	39 07.1	39 01.1	38 55.1
7	40 23.7	40 18.3	40 10.2	40 02.3	39 54.6	39 47.1	39 39.8	39 32.6	39 25.7	39 19.2	39 12.9	39 06.9	39 00.9	38 54.9
8	40 23.5	40 18.1	40 10.0	40 02.1	39 54.4	39 46.9	39 39.6	39 32.4	39 25.5	39 19.0	39 12.7	39 06.7	39 00.7	38 54.7
9	40 23.2	40 17.9	40 09.8	40 01.9	39 54.2	39 46.7	39 39.4	39 32.2	39 25.3	39 18.8	39 12.5	39 06.5	39 00.5	38 54.5
10	40 23.0	40 17.6	40 09.5	40 01.6	39 53.9	39 46.4	39 39.1	39 31.9	39 25.0	39 18.5	39 12.2	39 06.2	39 00.2	38 54.2
11	40 22.6	40 17.3	40 09.2	40 01.3	39 53.6	39 46.1	39 38.8	39 31.6	39 24.3	39 18.2	39 11.9	39 05.9	38 59.9	38 53.9
12	40 22.3	40 16.9	40 08.8	40 00.9	39 53.2	39 45.7	39 38.4	39 31.2	39 24.3	39 17.8	39 11.5	39 05.5	38 59.5	38 53.5
13	40 21.9	40 16.5	40 08.4	40 00.5	39 52.8	39 45.3	39 38.0	39 30.8	39 23.9	39 17.4	39 11.1	39 05.1	38 59.1	38 53.1
14	40 21.4	40 16.1	40 08.0	40 00.1	39 52.4	39 44.9	39 37.6	39 30.4	39 23.5	39 17.0	39 10.7	39 04.7	38 58.7	38 52.7
15	40 21.0	40 15.6	40 07.5	39 59.6	39 51.9	39 44.4	39 37.1	39 29.9	39 23.0	39 16.5	39 10.2	39 04.2	38 58.2	38 52.2
16	40 20.4	40 15.1	40 07.0	39 59.1	39 51.4	39 43.9	39 36.6	39 29.4	39 22.5	39 16.0	39 09.7	39 03.7	38 57.7	38 51.7
17	40 19.9	40 14.5	40 06.4	39 58.5	39 50.8	39 43.3	39 36.0	39 28.8	39 21.9	39 15.4	39 09.1	39 03.1	38 57.1	38 51.1
18	40 19.3	40 13.9	40 05.8	39 57.9	39 50.2	39 42.7	39 35.4	39 28.2	39 21.3	39 14.8	39 08.6	39 02.6	38 56.6	38 50.6
19	40 18.6	40 13.3	40 05.2	39 57.3	39 49.6	39 42.1	39 34.8	39 27.6	39 20.7	39 14.2	39 07.9	39 01.9	38 55.9	38 49.9
20	40 18.0	40 12.5	40 04.5	39 56.6	39 48.9	39 41.4	39 34.1	39 26.9	39 20.0	39 13.5	39 07.2	39 01.2	38 55.2	38 49.2
21	40 17.4	40 12.1	40 04.0	39 56.1	39 48.4	39 40.9	39 33.6	39 26.4	39 19.5	39 13.0	39 06.7	39 00.7	38 54.7	38 48.7
22	40 16.9	40 11.5	40 03.4	39 55.5	39 47.8	39 40.3	39 33.0	39 25.8	39 18.9	39 12.4	39 06.2	39 00.2	38 54.2	38 48.2
23	40 16.4	40 11.0	40 02.9	39 55.0	39 47.3	39 39.8	39 32.5	39 25.3	39 18.4	39 11.9	39 05.7	38 59.7	38 53.7	38 47.7
24	40 15.8	40 10.5	40 02.4	39 54.5	39 46.8	39 39.3	39 32.0	39 24.8	39 17.9	39 11.4	39 05.2	38 59.2	38 53.2	38 47.2
25	40 15.3	40 09.9	40 01.8	39 53.9	39 46.3	39 38.7	39 31.4	39 24.2	39 17.3	39 10.8	39 04.7	38 58.7	38 52.7	38 46.6
26	40 14.7	40 09.4	40 01.3	39 53.4	39 45.7	39 38.2	39 30.9	39 23.7	39 16.8	39 10.3	39 04.1	38 58.1	38 52.1	38 46.1
27	40 14.1	40 08.7	40 00.7	39 52.8	39 45.1	39 37.6	39 30.3	39 23.1	39 16.2	39 09.7	39 03.5	38 57.5	38 51.5	38 45.5
28	40 13.4	40 08.1	40 00.0	39 52.1	39 44.4	39 36.9	39 29.6	39 22.4	39 15.5	39 09.0	39 02.8	38 56.8	38 50.8	38 44.8
29	40 12.7	40 07.4	39 59.3	39 51.4	39 43.7	39 36.2	39 28.9	39 21.7	39 14.8	39 08.3	39 02.1	38 56.1	38 50.2	38 44.1
30	40 12.0	40 06.6	39 58.5	39 50.6	39 42.9	39 35.4	39 28.1	39 21.0	39 14.1	39 07.6	39 01.4	38 55.4	38 49.4	38 43.4
31	40 11.0	40 05.7	39 57.6	39 49.7	39 42.0	39 34.5	39 27.2	39 20.1	39 13.2	39 06.7	39 00.5	38 54.5	38 48.5	38 42.5
32	40 10.1	40 04.7	39 56.7	39 48.8	39 41.1	39 33.6	39 26.3	39 19.1	39 12.2	39 05.7	38 59.5	38 53.6	38 47.6	38 41.6
33	40 09.1	40 03.7	39 55.7	39 47.8	39 40.1	39 32.6	39 25.3	39 18.1	39 11.2	39 04.7	38 58.6	38 52.6	38 46.6	38 40.6
34	40 08.0	40 02.7	39 54.6	39 46.7	39 39.0	39 31.5	39 24.2	39 17.1	39 10.2	39 03.7	38 57.6	38 51.6	38 45.6	38 39.5
35	40 07.0	40 01.6	39 53.6	39 45.7	39 38.0	39 30.5	39 23.2	39 16.0	39 09.1	39 02.6	38 56.5	38 50.5	38 44.5	38 38.5
36	40 05.8	40 00.5	39 52.4	39 44.5	39 36.8	39 29.2	39 22.0	39 14.9	39 08.0	39 01.5	38 55.4	38 49.4	38 43.4	38 37.4
37	40 04.7	39 59.3	39 51.3	39 43.4	39 35.7	39 28.2	39 20.9	39 13.7	39 06.8	39 00.3	38 54.2	38 48.2	38 42.2	38 36.2
38	40 03.5	39 58.1	39 50.1	39 42.2	39 34.5	39 27.0	39 19.7	39 12.6	39 05.6	38 59.1	38 53.0	38 47.0	38 41.0	38 35.0
39	40 02.2	39 56.9	39 48.8	39 40.9	39 33.2	39 25.7	39 18.4	39 11.3	39 04.4	38 57.9	38 51.8	38 45.8	38 39.8	38 33.8
40	40 01.0	39 55.6	39 47.6	39 39.7	39 32.0	39 24.5	39 17.2	39 10.1	39 03.2	38 56.7	38 50.6	38 44.6	38 38.6	38 32.5

Depth,  $h =$

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
41	40 00.0	39 54.6	39 46.6	39 38.7	39 31.0	39 23.5	39 16.2	39 09.1	39 02.2	38 55.7	38 49.6	38 43.6	38 37.6	38 31.6
42	39 59.0	39 53.6	39 45.6	39 37.7	39 30.0	39 22.5	39 15.2	39 08.1	39 01.2	38 54.7	38 48.6	38 42.6	38 36.6	38 30.6
43	39 58.0	39 52.7	39 44.7	39 36.7	39 29.0	39 21.5	39 14.2	39 07.1	39 00.2	38 53.7	38 47.7	38 41.7	38 35.6	38 29.6
44	39 57.0	39 51.6	39 43.6	39 35.7	39 28.0	39 20.5	39 13.2	39 06.1	38 59.2	38 52.7	38 46.7	38 40.7	38 34.6	38 28.6
45	39 56.0	39 50.6	39 42.6	39 34.7	39 27.0	39 19.5	39 12.2	39 05.1	38 58.2	38 51.7	38 45.6	38 39.6	38 33.6	38 27.6
46	39 54.8	39 49.4	39 41.4	39 33.5	39 25.8	39 18.3	39 11.0	39 03.9	38 57.0	38 50.5	38 44.4	38 38.5	38 32.4	38 26.4
47	39 53.6	39 48.2	39 40.2	39 32.2	39 24.5	39 17.0	39 09.8	39 02.7	38 55.8	38 49.3	38 43.2	38 37.2	38 31.2	38 25.2
48	39 52.2	39 46.8	39 38.8	39 30.9	39 23.2	39 15.7	39 08.4	39 01.3	38 54.4	38 47.9	38 41.9	38 35.8	38 29.8	38 23.8
49	39 50.7	39 45.3	39 37.2	39 29.3	39 21.6	39 14.1	39 06.8	38 59.7	38 52.9	38 46.3	38 40.3	38 34.3	38 28.2	38 22.2
50	39 49.0	39 43.5	39 35.4	39 27.5	39 19.8	39 12.3	39 05.1	38 57.9	38 51.1	38 44.5	38 38.5	38 32.5	38 26.4	38 20.4
51	39 47.6	39 42.1	39 34.0	39 26.1	39 18.4	39 10.9	39 03.7	38 56.5	38 49.7	38 43.2	38 37.1	38 31.1	38 25.0	38 19.0
52	39 46.2	39 40.7	39 32.6	39 24.7	39 17.0	39 09.5	39 02.3	38 55.1	38 48.3	38 41.8	38 35.7	38 29.7	38 23.6	38 17.6
53	39 44.8	39 39.3	39 31.2	39 23.3	39 15.6	39 08.1	39 00.9	38 53.7	38 46.9	38 40.3	38 34.3	38 28.2	38 22.2	38 16.2
54	39 43.4	39 37.9	39 29.8	39 21.9	39 14.2	39 06.7	38 59.5	38 52.3	38 45.5	38 38.9	38 32.9	38 26.9	38 20.8	38 14.8
55	39 42.0	39 36.5	39 28.4	39 20.5	39 12.8	39 05.3	38 58.1	38 50.9	38 44.1	38 37.5	38 31.5	38 25.5	38 19.4	38 13.4
56	39 40.6	39 35.1	39 27.0	39 19.1	39 11.4	39 03.9	38 56.7	38 49.5	38 42.7	38 36.1	38 30.1	38 24.1	38 18.0	38 12.0
57	39 39.2	39 33.7	39 25.6	39 17.7	39 10.0	39 02.5	38 55.3	38 48.1	38 41.3	38 34.7	38 28.7	38 22.7	38 16.5	38 10.5
58	39 37.8	39 32.3	39 24.2	39 16.3	39 08.6	39 01.1	38 53.9	38 46.7	38 39.9	38 33.3	38 27.3	38 21.3	38 15.2	38 09.2
59	39 36.4	39 30.9	39 22.8	39 14.9	39 07.2	38 59.7	38 52.5	38 45.3	38 38.5	38 31.9	38 25.9	38 19.9	38 13.8	38 07.8
60	39 35.0	39 29.5	39 21.4	39 13.5	39 05.8	38 58.3	38 51.1	38 43.9	38 37.1	38 30.5	38 24.5	38 18.5	38 12.4	38 06.4
61	39 33.4	39 28.0	39 19.9	39 12.0	39 04.3	38 56.8	38 49.5	38 42.4	38 35.6	38 29.0	38 23.0	38 17.0	38 10.9	38 04.9
62	39 31.9	39 25.4	39 18.4	39 10.4	39 02.7	38 55.2	38 48.0	38 40.8	38 34.0	38 27.5	38 21.4	38 15.5	38 09.3	38 03.4
63	39 30.3	39 24.8	39 16.8	39 08.8	39 01.1	38 53.6	38 46.4	38 39.2	38 32.4	38 25.9	38 19.8	38 13.9	38 07.7	38 01.8
64	39 28.6	39 23.2	39 15.1	39 07.2	38 59.5	38 52.0	38 44.7	38 37.6	38 30.8	38 24.2	38 18.2	38 12.2	38 06.1	38 00.1
65	39 27.0	39 21.5	39 13.4	39 05.5	38 57.8	38 50.3	38 43.1	38 35.9	38 29.1	38 22.5	38 16.5	38 10.5	38 04.4	37 58.4
66	39 25.2	39 19.8	39 11.7	39 03.8	38 56.1	38 48.6	38 41.3	38 34.2	38 27.4	38 20.8	38 14.8	38 08.8	38 02.7	37 56.7
67	39 23.5	39 18.0	39 10.0	39 02.0	38 54.3	38 46.8	38 39.6	38 32.4	38 25.6	38 19.1	38 13.0	38 07.1	38 01.0	37 55.0
68	39 21.7	39 16.2	39 08.2	39 00.2	38 52.5	38 45.1	38 37.8	38 30.6	38 23.8	38 17.3	38 11.2	38 05.3	37 59.1	37 53.2
69	39 19.8	39 14.4	39 06.3	38 58.4	38 50.7	38 43.2	38 35.9	38 28.8	38 22.0	38 15.4	38 09.4	38 03.4	37 57.3	37 51.3
70	39 18.0	39 12.5	39 04.4	38 56.5	38 48.8	38 41.3	38 34.1	38 26.9	38 20.1	38 13.5	38 07.5	38 01.5	37 55.4	37 49.4
71	39 16.3	39 10.9	39 02.8	38 54.9	38 47.2	38 39.7	38 32.4	38 25.3	38 18.5	38 11.9	38 05.9	37 59.9	37 53.8	37 47.8
72	39 14.7	39 09.3	39 01.2	38 53.3	38 45.6	38 38.1	38 30.8	38 23.7	38 16.9	38 10.3	38 04.3	37 58.3	37 52.2	37 46.2
73	39 13.2	39 07.7	38 59.6	38 51.7	38 44.0	38 36.5	38 29.3	38 22.1	38 15.3	38 08.7	38 02.7	37 56.7	37 50.6	37 44.6
74	39 11.6	39 06.1	38 58.0	38 50.1	38 42.4	38 34.9	38 27.7	38 20.5	38 13.7	38 07.2	38 01.1	37 55.1	37 49.0	37 43.0
75	39 10.0	39 04.5	38 56.4	38 48.5	38 40.8	38 33.3	38 26.1	38 18.9	38 12.1	38 05.5	37 59.5	37 53.5	37 47.4	37 41.4
76	39 08.3	39 02.9	38 54.8	38 46.8	38 39.1	38 31.7	38 24.4	38 17.3	38 10.4	38 03.9	37 57.8	37 51.9	37 45.8	37 39.8
77	39 06.6	39 01.2	38 53.1	38 45.1	38 37.4	38 30.0	38 22.7	38 15.6	38 08.7	38 02.2	37 56.1	37 50.2	37 44.3	37 38.3
78	39 04.8	38 59.4	38 51.3	38 43.3	38 35.6	38 28.2	38 20.9	38 13.8	38 06.9	38 00.4	37 54.3	37 48.4	37 42.3	37 36.3
79	39 02.9	38 57.5	38 49.4	38 41.5	38 33.8	38 26.3	38 19.0	38 11.9	38 05.0	37 58.5	37 52.5	37 46.5	37 40.4	37 34.4
80	39 01.0	38 55.5	38 47.4	38 39.5	38 31.8	38 24.3	38 17.1	38 09.9	38 03.1	37 56.5	37 50.5	37 44.5	37 38.4	37 32.4

Depth  $h =$

$\Delta$	Surface		0.00		0.01		0.02		0.03		0.04		0.05		0.06		0.07		0.08		0.09		0.10		0.11		0.12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
81	38	59.2	38	53.7	38	45.6	38	37.7	38	30.0	38	22.5	38	15.3	38	08.1	38	01.3	37	54.7	37	48.7	37	42.7	37	36.6	37	30.6
82	38	57.4	38	51.9	38	43.8	38	35.9	38	28.2	38	20.7	38	13.5	38	06.3	37	59.5	37	52.9	37	46.9	37	40.9	37	34.8	37	28.8
83	38	55.6	38	50.1	38	42.0	38	34.1	38	26.4	38	18.9	38	11.7	38	04.5	37	57.7	37	51.1	37	45.1	37	39.1	37	33.0	37	27.0
84	38	53.8	38	48.3	38	40.2	38	32.3	38	24.6	38	17.1	38	09.9	38	02.7	37	55.9	37	49.3	37	43.3	37	37.3	37	31.2	37	25.2
85	38	52.0	38	46.5	38	38.4	38	30.5	38	22.8	38	15.3	38	08.1	38	00.9	37	54.1	37	47.5	37	41.5	37	35.5	37	29.4	37	23.4
86	38	50.2	38	44.7	38	36.6	38	28.7	38	21.0	38	13.5	38	06.3	37	59.1	37	52.3	37	45.7	37	39.7	37	33.7	37	27.6	37	21.6
87	38	48.4	38	42.9	38	34.8	38	26.9	38	19.2	38	11.7	38	04.5	37	57.3	37	50.5	37	43.9	37	37.9	37	31.9	37	25.8	37	19.8
88	38	46.6	38	41.1	38	33.0	38	25.1	38	17.4	38	09.9	38	02.7	37	55.5	37	48.7	37	42.1	37	36.1	37	30.1	37	24.0	37	18.0
89	38	44.8	38	39.3	38	31.2	38	23.3	38	15.6	38	08.1	38	00.9	37	53.7	37	46.9	37	40.3	37	34.3	37	28.3	37	22.2	37	16.2
90	38	43.0	38	37.5	38	29.4	38	21.5	38	13.8	38	06.3	37	59.1	37	51.9	37	45.1	37	38.5	37	32.5	37	26.5	37	20.4	37	14.4
91	38	41.2	38	35.8	38	27.7	38	19.7	38	12.0	38	04.6	37	57.3	37	50.1	37	43.3	37	36.8	37	30.7	37	24.8	37	18.6	37	12.7
92	38	39.4	38	34.0	38	25.9	38	18.0	38	10.2	38	02.8	37	55.5	37	48.4	37	41.5	37	35.0	37	28.9	37	23.0	37	16.9	37	10.9
93	38	37.6	38	32.2	38	24.1	38	16.2	38	08.5	38	01.0	37	53.7	37	46.6	37	39.7	37	33.2	37	27.2	37	21.2	37	15.1	37	09.1
94	38	35.8	38	30.4	38	22.3	38	14.3	38	06.6	37	59.2	37	51.9	37	44.8	37	37.9	37	31.4	37	25.3	37	19.4	37	13.3	37	07.3
95	38	34.0	38	28.5	38	20.4	38	12.5	38	04.8	37	57.3	37	50.1	37	42.9	37	36.1	37	29.5	37	23.5	37	17.5	37	11.4	37	05.4
96	38	32.1	38	26.6	38	18.6	38	10.6	38	02.9	37	55.4	37	48.2	37	41.0	37	34.2	37	27.7	37	21.6	37	15.7	37	09.5	37	03.6
97	38	30.1	38	24.7	38	16.6	38	08.7	38	01.0	37	53.5	37	46.2	37	39.1	37	32.3	37	25.7	37	19.7	37	13.7	37	07.6	37	01.6
98	38	28.1	38	22.7	38	14.6	38	06.7	37	59.0	37	51.5	37	44.3	37	37.1	37	30.3	37	23.8	37	17.7	37	11.7	37	05.6	36	59.7
99	38	26.1	38	20.7	38	12.6	38	04.6	37	56.9	37	49.5	37	42.2	37	35.1	37	28.2	37	21.7	37	15.7	37	09.7	37	03.6	36	57.6
100	38	24.0	38	18.5	38	10.5	38	02.5	37	54.8	37	47.4	37	40.1	37	33.0	37	26.1	37	19.6	37	13.6	37	07.6	37	01.5	36	55.5
101	38	21.9	38	16.5	38	08.4	38	00.5	37	52.8	37	45.5	37	38.1	37	31.0	37	24.1	37	17.6	37	11.5	37	05.6	36	59.5	36	53.5
102	38	19.9	38	14.5	38	06.4	37	58.5	37	50.8	37	43.3	37	36.1	37	28.9	37	22.1	37	15.6	37	09.5	37	03.6	36	57.5	36	51.5
103	38	17.9	38	12.5	38	04.4	37	56.5	37	48.8	37	41.3	37	34.1	37	27.0	37	20.1	37	13.6	37	07.6	37	01.6	36	55.5	36	49.6
104	36	15.9	38	10.5	38	02.4	37	54.5	37	46.8	37	39.4	37	32.1	37	25.0	37	18.2	37	11.7	37	05.6	36	59.6	36	53.6	36	47.6
105	38	14.0	38	08.6	38	00.5	37	52.6	37	44.9	37	37.4	37	30.2	37	23.1	37	16.1	37	09.7	37	03.7	36	57.7	36	51.7	36	45.7
106	38	12.0	38	06.6	37	58.6	37	50.7	37	43.0	37	35.6	37	28.3	37	21.2	37	14.1	37	07.9	37	01.8	36	55.8	36	49.8	36	43.9
107	38	10.2	38	04.8	37	56.7	37	48.8	37	41.2	37	33.7	37	26.5	37	19.4	37	12.5	37	06.0	37	00.0	36	54.0	36	48.0	36	42.1
108	38	08.4	38	03.0	37	54.9	37	47.0	37	39.4	37	31.9	37	24.7	37	17.6	37	10.8	37	04.3	36	58.2	36	52.3	36	46.2	36	40.3
109	38	06.6	38	01.3	37	53.2	37	45.3	37	37.7	37	30.2	37	23.0	37	15.9	37	09.1	37	02.6	36	56.5	36	50.6	36	44.6	36	38.7
110	38	05.0	37	59.7	37	51.7	37	43.9	37	36.3	37	28.9	37	21.7	37	14.6	37	07.9	37	01.4	36	55.4	36	49.4	36	43.5	36	37.7
111	38	03.0	37	57.7	37	49.8	37	41.9	37	34.4	37	27.0	37	19.8	37	12.7	37	06.0	36	59.5	36	53.5	36	47.5	36	41.6	36	35.9
112	37	59.0	37	53.7	37	47.8	37	40.0	37	32.4	37	25.0	37	17.8	37	10.8	37	04.0	36	57.6	36	51.5	36	45.6	36	39.7	36	34.0
113	37	57.0	37	51.7	37	45.8	37	38.0	37	30.5	37	23.0	37	15.8	37	08.8	37	02.1	36	55.7	36	49.6	36	43.7	36	37.8	36	32.0
114	37	55.0	37	49.7	37	43.8	37	36.0	37	28.5	37	21.0	37	13.9	37	06.8	37	00.1	36	53.7	36	47.6	36	41.7	36	35.8	36	30.1
115	37	52.9	37	47.7	37	41.8	37	34.0	37	26.5	37	19.0	37	11.8	37	04.8	36	58.1	36	51.7	36	45.6	36	39.7	36	33.8	36	28.1
116	37	50.9	37	45.6	37	39.8	37	31.9	37	24.4	37	17.0	37	09.8	37	02.6	36	56.1	36	49.7	36	43.6	36	37.7	36	31.9	36	26.1
117	37	48.9	37	43.6	37	37.7	37	29.9	37	22.4	37	15.0	37	07.8	37	00.8	36	54.1	36	47.7	36	41.6	36	35.7	36	29.9	36	24.2
118	37	46.9	37	41.7	37	35.7	37	27.9	37	20.4	37	13.0	37	05.8	36	58.8	36	52.1	36	45.7	36	39.6	36	33.7	36	27.9	36	22.2
119	37	45.0	37	39.7	37	33.8	37	26.0	37	18.5	37	11.1	37	03.9	36	56.9	36	50.2	36	43.8	36	37.7	36	31.8	36	25.9	36	20.2
120	37	43.0	37	37.7	37	31.8	37	24.0	37	16.5	37	09.1	37	01.9	36	54.9	36	48.2	36	41.8	36	35.7	36	29.8	36	24.0	36	18.3

TIMES OF PKPKP      BRANCH      CF

Δ	Depth h =											
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10
	m      s	m      s	m      s	m      s	m      s	m      s	m      s	m      s	m      s	m      s	m      s	m      s
121	37 43.1	37 37.9	37 30.0	37 22.2	37 14.7	37 07.3	37 00.1	36 53.1	36 46.4	36 40.0	36 33.9	36 28.0
122	37 41.3	37 36.1	37 28.2	37 20.4	37 12.9	37 05.5	36 58.3	36 51.3	36 44.6	36 38.2	36 32.1	36 26.2
123	37 39.6	37 34.3	37 26.4	37 18.6	37 11.1	37 03.7	36 56.5	36 49.5	36 42.8	36 36.4	36 30.3	36 24.4
124	37 37.8	37 32.5	37 24.6	37 16.8	37 09.3	37 01.9	36 54.7	36 47.7	36 41.0	36 34.6	36 28.5	36 22.6
125	37 36.0	37 30.7	37 22.8	37 15.0	37 07.4	37 00.0	36 52.8	36 45.8	36 39.1	36 32.7	36 26.6	36 20.7
126	37 34.1	37 28.8	37 20.9	37 13.1	37 05.6	36 58.2	36 50.9	36 43.9	36 37.2	36 30.8	36 24.7	36 18.8
127	37 32.2	37 26.9	37 18.9	37 11.1	37 03.6	36 56.2	36 48.9	36 42.0	36 35.3	36 28.8	36 22.7	36 16.8
128	37 30.2	37 24.9	37 16.9	37 09.1	37 01.6	36 54.2	36 46.9	36 39.9	36 33.2	36 26.7	36 20.6	36 14.7
129	37 28.1	37 22.8	37 14.8	37 07.0	36 59.4	36 52.0	36 44.8	36 37.8	36 31.1	36 24.6	36 18.5	36 12.6
130	37 26.0	37 20.6	37 12.6	37 04.8	36 57.2	36 49.8	36 42.5	36 35.5	36 28.8	36 22.3	36 16.2	36 10.3
131	37 24.0	37 18.6	37 10.6	37 02.3	36 55.2	36 47.8	36 40.5	36 33.5	36 26.8	36 20.3	36 14.2	36 08.3
132	37 22.0	37 16.6	37 08.6	37 00.8	36 53.2	36 45.8	36 38.5	36 31.5	36 24.8	36 18.2	36 12.1	36 06.2
133	37 20.0	37 14.6	37 06.6	36 58.8	36 51.2	36 43.8	36 36.4	36 29.4	36 22.7	36 16.2	36 10.1	36 04.2
134	37 18.0	37 12.6	37 04.6	36 56.8	36 49.1	36 41.7	36 34.4	36 27.4	36 20.7	36 14.2	36 08.1	36 02.2
135	37 16.0	37 10.6	37 02.6	36 54.8	36 47.1	36 39.7	36 32.4	36 25.4	36 18.7	36 12.2	36 06.1	36 00.2
136	37 13.9	37 08.6	37 00.6	36 52.8	36 45.1	36 37.7	36 30.4	36 23.4	36 16.7	36 10.2	36 04.1	35 58.2
137	37 11.9	37 06.6	36 58.6	36 50.8	36 43.1	36 35.7	36 28.4	36 21.4	36 14.7	36 08.2	36 02.1	35 56.2
138	37 09.9	37 04.6	36 56.6	36 48.8	36 41.2	36 33.8	36 26.4	36 19.4	36 12.7	36 06.2	36 00.1	35 54.2
139	37 07.9	37 02.6	36 54.6	36 46.8	36 39.2	36 31.8	36 24.5	36 17.5	36 10.8	36 04.3	35 59.2	35 52.3
140	37 06.0	37 00.6	36 52.6	36 44.8	36 37.2	36 29.8	36 22.5	36 15.5	36 08.8	36 02.3	35 56.2	35 50.3

Depth  $h =$ 

$\Delta$	Surface											
	m	s	m	s	m	s	m	s	m	s	m	s
75	42	45.0	42	39.6	42	31.6	42	23.8	42	16.2	42	08.8
76	42	43.0	42	37.7	42	29.7	42	21.9	42	14.4	42	07.0
77	42	40.0	42	34.7	42	26.8	42	19.0	42	11.5	42	04.2
78	42	38.0	42	32.7	42	24.8	42	17.1	42	09.6	42	02.2
79	42	35.0	42	29.7	42	21.8	42	14.1	42	06.6	41	59.2
80	42	32.0	42	26.7	42	18.8	42	11.1	42	03.6	41	56.2
81	42	29.0	42	23.7	42	15.8	42	08.0	42	00.5	41	53.2
82	42	26.0	42	20.7	42	12.8	42	05.0	41	57.5	41	50.2
83	42	23.0	42	17.7	42	09.8	42	02.0	41	54.5	41	47.2
84	42	20.0	42	14.7	42	06.8	41	59.1	41	51.6	41	44.2

BRANCH DF

	Surface											
	m	s	m	s	m	s	m	s	m	s	m	s
0	43	55.0	43	49.6	43	41.5	43	33.6	43	25.9	43	18.4
1	43	55.0	43	49.7	43	41.6	43	33.7	43	26.0	43	18.5
2	43	55.1	43	49.7	43	41.6	43	33.7	43	26.0	43	18.5
3	43	55.1	43	49.7	43	41.6	43	33.7	43	26.0	43	18.5
4	43	55.0	43	49.6	43	41.5	43	33.6	43	25.9	43	18.4
5	43	54.8	43	49.5	43	41.3	43	33.4	43	25.8	43	18.3
6	43	54.7	43	49.3	43	41.2	43	33.3	43	25.6	43	18.1
7	43	54.5	43	49.1	43	41.0	43	33.1	43	25.4	43	17.9
8	43	54.2	43	48.9	43	40.7	43	32.8	43	25.1	43	17.6
9	43	54.0	43	48.6	43	40.5	43	32.6	43	24.9	43	17.4
10	43	53.5	43	48.2	43	40.0	43	32.1	43	24.4	43	16.9
11	43	53.1	43	47.7	43	39.6	43	31.7	43	24.0	43	16.5
12	43	52.7	43	47.3	43	39.2	43	31.3	43	23.6	43	16.1
13	43	52.3	43	47.0	43	38.8	43	30.9	43	23.2	43	15.7
14	43	52.0	43	46.6	43	38.5	43	30.6	43	22.9	43	15.4
15	43	51.6	43	46.2	43	38.1	43	30.2	43	22.5	43	15.0
16	43	51.2	43	45.9	43	37.7	43	29.8	43	22.1	43	14.6
17	43	50.8	43	45.5	43	37.3	43	29.4	43	21.7	43	14.2
18	43	50.4	43	45.0	43	36.9	43	29.0	43	21.3	43	13.8
19	43	50.0	43	44.6	43	36.5	43	28.6	43	20.9	43	13.4
20	43	49.5	43	44.1	43	36.0	43	28.1	43	20.4	43	12.9
21	43	48.9	43	43.6	43	35.5	43	27.6	43	19.9	43	12.4
22	43	48.3	43	43.0	43	34.9	43	27.0	43	19.3	43	11.8
23	43	47.7	43	42.3	43	34.2	43	26.3	43	18.6	43	11.1
24	43	47.0	43	41.6	43	33.5	43	25.6	43	17.9	43	10.4
25	43	46.3	43	40.9	43	32.8	43	24.9	43	17.2	43	09.7
26	43	45.6	43	40.2	43	32.1	43	24.2	43	16.5	43	09.0

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
27	43 45.4	43 40.1	43 32.0	43 24.1	43 16.4	43 08.9	43 01.6	42 54.4	42 47.5	42 41.0	42 34.8	42 28.8	42 22.8	42 16.0
28	43 44.6	43 39.3	43 31.2	43 23.2	43 15.6	43 07.3	43 00.8	42 53.6	42 46.7	42 40.2	42 34.0	42 28.0	42 22.0	42 15.2
29	43 43.8	43 38.4	43 30.4	43 22.5	43 14.8	43 06.5	43 00.0	42 52.0	42 45.9	42 39.4	42 33.2	42 27.2	42 21.2	42 14.4
30	43 43.0	43 37.6	43 29.6	43 21.7	43 14.1	43 06.5	42 59.2	42 52.0	42 45.1	42 38.6	42 32.4	42 26.4	42 20.4	42 13.7
31	43 42.2	43 36.9	43 28.8	43 20.9	43 13.2	43 05.7	42 58.4	42 51.3	42 44.4	42 37.9	42 31.7	42 25.7	42 19.7	42 13.0
32	43 41.5	43 36.1	43 28.1	43 20.2	43 12.5	43 05.0	42 57.7	42 50.5	42 43.6	42 37.1	42 31.0	42 25.0	42 19.0	42 12.2
33	43 40.7	43 35.3	43 27.3	43 19.4	43 11.7	43 04.2	42 56.9	42 49.8	42 42.9	42 36.4	42 30.2	42 24.2	42 18.2	42 11.4
34	43 39.8	43 34.5	43 26.5	43 18.6	43 10.9	43 03.4	42 56.1	42 48.9	42 42.0	42 35.5	42 29.4	42 23.4	42 17.4	42 10.5
35	43 39.0	43 33.6	43 25.6	43 17.7	43 10.0	43 02.5	42 55.2	42 48.1	42 41.2	42 34.7	42 28.5	42 22.5	42 16.5	42 09.6
36	43 38.0	43 32.7	43 24.7	43 16.8	43 09.1	43 01.6	42 54.3	42 47.2	42 40.2	42 33.7	42 27.6	42 21.6	42 15.6	42 08.7
37	43 37.1	43 31.7	43 23.7	43 15.8	43 08.1	43 00.6	42 53.3	42 46.2	42 39.3	42 32.8	42 26.7	42 20.7	42 14.7	42 07.7
38	43 36.1	43 30.7	43 22.7	43 14.8	43 07.1	42 59.6	42 52.3	42 45.2	42 38.3	42 31.8	42 25.7	42 19.7	42 13.7	42 06.7
39	43 35.0	43 29.7	43 21.7	43 13.8	43 06.1	42 58.6	42 51.3	42 44.2	42 37.3	42 30.8	42 24.7	42 18.7	42 12.7	42 05.7
40	43 34.0	43 28.6	43 20.6	43 12.7	43 05.0	42 57.5	42 50.2	42 43.1	42 36.2	42 29.7	42 23.6	42 17.6	42 11.6	42 04.6
41	43 32.7	43 27.4	43 19.4	43 11.5	43 03.8	42 56.3	42 49.0	42 41.9	42 35.0	42 28.4	42 22.4	42 16.4	42 10.3	42 03.3
42	43 31.5	43 26.1	43 18.1	43 10.2	43 02.5	42 55.0	42 47.7	42 40.6	42 33.7	42 27.2	42 21.1	42 15.1	42 09.1	42 02.1
43	43 30.3	43 24.9	43 16.9	43 09.0	43 01.3	42 53.8	42 46.5	42 39.4	42 32.5	42 26.0	42 19.9	42 13.9	42 07.9	42 00.9
44	43 29.1	43 23.8	43 15.7	43 07.8	43 00.1	42 52.6	42 45.3	42 38.2	42 31.3	42 24.8	42 18.7	42 12.7	42 06.7	42 00.7
45	43 28.0	43 22.6	43 14.6	43 06.7	42 59.0	42 51.5	42 44.2	42 37.1	42 30.2	42 23.7	42 17.6	42 11.6	42 05.5	41 59.5
46	43 26.8	43 21.4	43 13.4	43 05.5	42 57.9	42 50.3	42 43.0	42 35.9	42 29.0	42 22.5	42 16.4	42 10.4	42 04.4	41 58.4
47	43 25.6	43 20.2	43 12.2	43 04.3	42 56.6	42 49.1	42 41.8	42 34.7	42 27.8	42 21.3	42 15.2	42 09.2	42 03.2	41 57.2
48	43 24.4	43 19.0	43 11.0	43 03.1	42 55.4	42 47.9	42 40.6	42 33.5	42 26.6	42 20.1	42 14.0	42 08.0	42 02.0	41 56.0
49	43 23.2	43 17.8	43 09.8	43 01.9	42 54.2	42 46.7	42 39.4	42 32.3	42 25.4	42 18.9	42 12.8	42 06.8	42 00.7	41 54.7
50	43 22.0	43 16.6	43 08.5	43 00.6	42 52.9	42 45.4	42 38.1	42 31.0	42 24.1	42 17.6	42 11.5	42 05.5	41 59.5	41 53.5
51	43 20.6	43 15.2	43 07.1	42 59.2	42 51.5	42 44.0	42 36.7	42 29.6	42 22.7	42 16.2	42 10.1	42 04.1	41 58.1	41 52.1
52	43 19.2	43 13.8	43 05.7	42 57.8	42 50.1	42 42.6	42 35.3	42 28.2	42 21.3	42 14.8	42 08.7	42 02.7	41 56.7	41 50.7
53	43 17.8	43 12.4	43 04.3	42 56.4	42 48.7	42 41.2	42 33.9	42 26.8	42 19.9	42 13.4	42 07.3	42 01.3	41 55.3	41 49.3
54	43 16.4	43 11.0	43 02.9	42 55.0	42 47.5	42 39.8	42 32.5	42 25.4	42 18.5	42 12.0	42 05.9	41 59.9	41 53.8	41 47.9
55	43 15.0	43 09.6	43 01.5	42 53.6	42 45.9	42 38.4	42 31.1	42 24.0	42 17.1	42 10.6	42 04.5	41 58.5	41 52.4	41 46.5
56	43 13.6	43 08.2	43 00.1	42 52.2	42 44.5	42 37.0	42 29.7	42 22.6	42 15.7	42 09.2	42 03.1	41 57.1	41 51.1	41 45.1
57	43 12.2	43 06.8	42 58.7	42 50.8	42 43.1	42 35.6	42 28.3	42 21.2	42 14.3	42 07.8	42 01.7	41 55.7	41 49.7	41 43.7
58	43 10.8	43 05.4	42 57.3	42 49.4	42 41.7	42 34.2	42 26.9	42 19.8	42 12.9	42 06.4	42 00.3	41 54.3	41 48.3	41 42.3
59	43 09.4	43 04.0	42 55.9	42 48.0	42 40.3	42 32.8	42 25.5	42 18.4	42 11.5	42 05.0	41 59.0	41 53.0	41 46.9	41 40.9
60	43 08.0	43 02.5	42 54.5	42 46.6	42 38.9	42 31.4	42 24.1	42 17.0	42 10.2	42 03.6	41 57.6	41 51.6	41 45.5	41 39.5
61	43 06.9	43 01.5	42 53.4	42 45.5	42 37.8	42 30.3	42 23.0	42 15.9	42 09.1	42 02.6	41 56.5	41 50.5	41 44.5	41 38.5
62	43 05.6	43 00.2	42 52.1	42 44.2	42 36.6	42 29.1	42 21.8	42 14.7	42 07.9	42 01.4	41 55.3	41 49.3	41 43.3	41 37.3
63	43 04.2	42 58.8	42 50.7	42 42.8	42 35.1	42 27.6	42 20.4	42 13.3	42 06.5	42 00.0	41 53.9	41 48.0	41 42.0	41 36.0
64	43 02.6	42 57.2	42 49.2	42 41.3	42 33.6	42 26.2	42 18.9	42 11.8	42 05.0	41 58.5	41 52.4	41 46.5	41 40.4	41 34.5
65	43 01.0	42 55.6	42 47.5	42 39.6	42 32.0	42 24.5	42 17.3	42 10.2	42 03.4	41 56.9	41 50.8	41 44.9	41 38.9	41 33.0
66	43 59.2	42 53.8	42 45.8	42 37.9	42 30.3	42 22.8	42 15.6	42 08.5	42 01.7	41 55.2	41 49.2	41 43.2	41 37.2	41 31.3

Depth  $h =$ 

$\Delta$	Surface											
	m	s	m	s	m	s	m	s	m	s	m	s
67	42	57.4	42	52.0	42	44.0	42	36.1	42	28.5	42	21.1
68	42	55.6	42	50.2	42	42.2	42	34.3	42	26.1	42	19.3
69	42	53.6	42	48.4	42	40.4	42	32.5	42	24.9	42	17.5
70	42	52.0	42	46.6	42	38.6	42	30.8	42	23.2	42	15.8
71	42	50.3	42	45.0	42	37.0	42	29.2	42	21.6	42	14.2
72	42	48.7	42	43.4	42	35.4	42	27.6	42	20.3	42	12.6
73	42	47.1	42	41.8	42	33.8	42	26.0	42	18.4	42	11.0
74	42	45.5	42	40.2	42	32.2	42	24.4	42	16.8	42	09.5
75	42	44.0	42	38.6	42	30.7	42	22.9	42	15.3	42	08.0
76	42	42.4	42	37.1	42	29.1	42	21.3	42	13.7	42	06.4
77	42	40.8	42	35.5	42	27.5	42	19.8	42	12.2	42	04.8
78	42	39.2	42	33.9	42	25.9	42	18.2	42	10.6	42	03.3
79	42	37.6	42	32.3	42	24.3	42	16.6	42	09.0	42	01.7
80	42	36.0	42	30.6	42	22.7	42	14.9	42	07.4	42	00.0
81	42	34.1	42	28.8	42	20.8	42	13.1	42	05.5	42	00.0
82	42	32.3	42	27.0	42	19.0	42	11.3	42	03.7	42	00.0
83	42	30.5	42	25.2	42	17.2	42	09.5	42	01.9	42	00.0
84	42	28.7	42	23.4	42	15.5	42	07.7	42	00.1	42	00.0
85	42	27.0	42	21.7	42	13.7	42	06.0	42	00.0	42	00.0
86	42	25.2	42	19.9	42	11.9	42	04.2	42	00.0	42	00.0
87	42	23.4	42	18.1	42	10.2	42	02.4	42	00.0	42	00.0
88	42	21.6	42	16.3	42	08.4	42	00.6	42	00.0	42	00.0
89	42	19.8	42	14.5	42	06.5	42	00.5	42	00.0	42	00.0
90	42	18.0	42	12.7	42	04.7	42	00.0	42	00.0	42	00.0
91	42	15.8	42	10.5	42	02.6	42	00.0	42	00.0	42	00.0
92	42	13.8	42	08.5	42	00.5	42	00.0	42	00.0	42	00.0
93	42	11.8	42	06.5	42	00.5	42	00.0	42	00.0	42	00.0
94	42	09.8	42	04.5	42	00.5	42	00.0	42	00.0	42	00.0
95	42	08.0	42	02.7	42	00.5	42	00.0	42	00.0	42	00.0
96	42	06.1	42	00.8	42	00.5	42	00.0	42	00.0	42	00.0
97	42	04.3	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0
98	42	02.5	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0
99	42	00.7	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0
100	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0
101	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0
102	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0
103	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0
104	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0
105	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0
106	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0	42	00.0

$\Delta$	Depth $h =$											
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
107	41 46.0	41 40.6	41 32.7	41 24.9	41 17.3	41 10.0	41 02.7	40 55.8	40 49.1	40 42.6	40 36.0	40 30.7
108	41 43.9	41 38.6	41 30.6	41 22.9	41 15.3	41 07.9	41 00.7	40 53.7	40 47.1	40 40.6	40 34.3	40 28.7
109	41 41.9	41 36.6	41 28.6	41 20.9	41 13.3	41 05.9	40 58.7	40 51.7	40 45.0	40 38.6	40 32.5	40 26.6
110	41 40.0	41 34.6	41 26.7	41 18.9	41 11.3	41 03.9	40 56.7	40 49.7	40 43.0	40 36.6	40 30.5	40 24.6
111	41 38.3	41 32.9	41 25.0	41 17.2	41 09.6	41 02.2	40 55.0	40 48.0	40 41.3	40 34.9	40 28.8	40 22.9
112	41 36.5	41 31.2	41 23.2	41 15.4	41 07.8	41 00.5	40 53.2	40 46.2	40 39.6	40 33.1	40 27.0	40 21.2
113	41 34.7	41 29.4	41 21.4	41 13.6	41 06.0	40 58.7	40 51.4	40 44.4	40 37.7	40 31.3	40 25.2	40 19.3
114	41 32.9	41 27.5	41 19.5	41 11.8	41 04.2	40 56.8	40 49.5	40 42.5	40 35.8	40 29.4	40 23.3	40 17.4
115	41 31.0	41 25.6	41 17.6	41 09.8	41 02.4	40 54.9	40 47.6	40 40.6	40 33.9	40 27.4	40 21.4	40 15.5
116	41 29.0	41 23.7	41 15.7	41 07.9	41 00.3	40 52.9	40 45.6	40 38.6	40 31.9	40 25.5	40 19.4	40 13.5
117	41 27.0	41 21.7	41 13.7	41 05.9	40 58.3	40 50.9	40 43.6	40 36.6	40 29.9	40 23.4	40 17.4	40 11.5
118	41 25.0	41 19.7	41 11.7	41 03.9	40 56.3	40 48.9	40 41.6	40 34.6	40 27.9	40 21.4	40 15.3	40 09.4
119	41 23.0	41 17.6	41 09.6	41 01.8	40 54.2	40 46.8	40 39.6	40 32.6	40 25.9	40 19.4	40 13.3	40 07.4
120	41 21.0	41 15.6	41 07.6	40 59.8	40 52.2	40 44.8	40 37.5	40 30.5	40 23.8	40 17.3	40 11.2	40 05.3
121	41 18.8	41 13.4	41 05.4	40 57.6	40 50.0	40 42.6	40 35.3	40 28.3	40 21.6	40 15.1	40 09.0	40 03.1
122	41 16.7	41 11.4	41 03.4	40 55.5	40 47.9	40 40.5	40 33.2	40 26.2	40 19.5	40 13.0	40 06.9	40 01.0
123	41 14.7	41 09.4	41 01.4	40 53.6	40 45.9	40 38.5	40 31.2	40 24.2	40 17.5	40 11.0	40 04.9	39 59.0
124	41 12.8	41 07.5	40 59.4	40 51.6	40 44.0	40 36.6	40 29.3	40 22.3	40 15.6	40 09.1	40 03.0	39 57.1
125	41 11.0	41 05.6	40 57.6	40 49.8	40 42.2	40 34.8	40 27.4	40 20.4	40 13.7	40 07.2	40 01.1	39 55.2
126	41 09.1	41 03.8	40 55.8	40 48.0	40 40.4	40 32.9	40 25.6	40 18.6	40 11.9	40 05.4	39 59.3	39 53.3
127	41 07.3	41 02.0	40 54.0	40 46.2	40 38.6	40 31.1	40 23.8	40 16.8	40 10.1	40 03.6	39 57.5	39 51.5
128	41 05.6	41 00.2	40 52.2	40 44.4	40 36.8	40 29.3	40 22.0	40 15.0	40 08.3	40 01.8	39 55.7	39 49.7
129	41 03.8	40 58.4	40 50.4	40 42.6	40 35.0	40 27.5	40 20.2	40 13.2	40 06.5	40 00.0	39 53.9	39 47.9
130	41 02.0	40 56.6	40 48.6	40 40.8	40 33.2	40 25.7	40 18.4	40 11.4	40 04.7	39 58.1	39 52.0	39 46.1
131	40 59.9	40 54.6	40 46.6	40 38.8	40 31.1	40 23.7	40 16.4	40 09.4	40 02.7	39 56.1	39 50.0	39 44.1
132	40 57.9	40 52.6	40 44.6	40 36.8	40 29.1	40 21.7	40 14.4	40 07.4	40 00.7	39 54.1	39 48.0	39 42.1
133	40 55.9	40 50.6	40 42.6	40 34.8	40 27.1	40 19.7	40 12.4	40 05.4	39 58.7	39 52.1	39 46.0	39 40.1
134	40 53.9	40 48.6	40 40.6	40 32.8	40 25.1	40 17.7	40 10.4	40 03.4	39 56.7	39 50.1	39 44.0	39 38.1
135	40 52.0	40 46.6	40 38.6	40 30.8	40 23.2	40 15.7	40 08.4	40 01.4	39 54.7	39 48.1	39 42.0	39 35.1
136	40 50.0	40 44.6	40 36.6	40 28.8	40 21.2	40 13.7	40 06.4	39 59.4	39 52.7	39 46.1	39 40.0	39 34.1
137	40 48.0	40 42.6	40 34.6	40 26.8	40 19.2	40 11.7	40 04.4	39 57.4	39 50.7	39 44.1	39 38.0	39 32.1
138	40 46.0	40 40.6	40 32.6	40 24.8	40 17.2	40 09.7	40 02.4	39 55.1	39 48.7	39 42.2	39 36.0	39 30.1
139	40 43.9	40 38.6	40 30.6	40 22.8	40 15.2	40 07.7	40 00.4	39 53.4	39 46.7	39 40.2	39 34.0	39 28.1
140	40 42.0	40 36.6	40 28.6	40 20.8	40 13.2	40 05.8	39 58.4	39 51.4	39 44.7	39 38.2	39 32.1	39 26.2
141	40 40.0	40 34.6	40 26.6	40 18.8	40 11.2	40 03.8	39 56.4	39 49.4	39 42.7	39 36.2	39 30.1	39 24.2
142	40 37.9	40 32.6	40 24.6	40 16.8	40 09.2	40 01.8	39 54.4	39 47.4	39 40.7	39 34.2	39 28.1	39 22.2
143	40 35.9	40 30.6	40 22.6	40 14.8	40 07.2	39 59.8	39 52.5	39 45.5	39 38.7	39 32.2	39 26.1	39 20.2
144	40 33.9	40 28.6	40 20.6	40 12.8	40 05.2	39 57.8	39 50.5	39 43.5	39 36.8	39 30.3	39 24.2	39 18.3
145	40 32.0	40 26.6	40 18.6	40 10.8	40 03.2	39 55.8	39 48.5	39 41.5	39 34.8	39 28.3	39 22.2	39 16.3

Depth  $h =$ 

A	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
75	42	45.0	42	39.7	42	31.7	42	24.0	42	16.4	42	09.0	42	01.9	41	54.9	41	48.2	41	41.8	41	35.7	41	30.0	41	24.3	41	18.6
76	42	43.0	42	37.7	42	29.7	42	22.0	42	14.4	42	07.1	42	00.0	41	53.0	41	46.3	41	39.9	41	33.9	41	28.2	41	22.5	41	16.8
77	42	40.0	42	34.7	42	26.7	42	19.0	42	11.5	42	04.2	41	57.1	41	50.1	41	43.5	41	37.1	41	31.1	41	25.4	41	19.7	41	14.1
78	42	38.0	42	32.7	42	24.8	42	17.1	42	09.5	42	02.3	41	55.2	41	48.3	41	41.6	41	35.2	41	29.3	41	23.6	41	18.0	41	12.4
79	42	35.0	42	29.7	42	21.8	42	14.1	42	06.5	41	59.3	41	52.3	41	45.4	41	38.7	41	32.4	41	26.5	41	20.8	41	15.2	41	09.7
80	42	32.0	42	26.7	42	18.8	42	11.1	42	03.6	41	56.3	41	49.3	41	42.4	41	35.8	41	29.4	41	23.5	41	17.9	41	12.3	41	06.8
81	42	29.0	42	23.7	42	15.8	42	08.1	42	00.6	41	53.3	41	46.3	41	39.4	41	32.8	41	26.5	41	20.5	41	14.9	41	09.3	41	03.8
82	42	26.0	42	20.7	42	12.8	42	05.1	41	57.6	41	50.3	41	43.3	41	36.4	41	29.8	41	23.4	41	17.5	41	11.9	41	06.3	41	00.8
83	42	23.0	42	17.7	42	09.8	42	02.1	41	54.6	41	47.3	41	40.3	41	33.4	41	26.8	41	20.4	41	14.5	41	08.9	41	03.2	40	57.7
84	42	20.0	42	14.7	42	06.8	41	59.1	41	51.5	41	44.3	41	37.3	41	30.4	41	23.7	41	17.4	41	11.5	41	05.8	41	00.2	40	54.7

BRANCH DF

	m		s		m		s		m		s		m		s		m		s		m		s		m		s		m		s	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
0	43	55.0	43	49.6	43	41.5	43	33.6	43	25.9	43	18.4	43	11.1	43	03.9	42	57.0	42	50.5	42	44.2	42	38.2	42	32.2	42	26.2	42	20.2	42	14.2
1	43	55.0	43	49.7	43	41.6	43	33.7	43	26.0	43	18.5	43	11.2	43	04.0	42	57.1	42	50.6	42	44.3	42	38.3	42	32.3	42	26.3	42	20.3	42	14.3
2	43	55.1	43	49.7	43	41.7	43	33.7	43	26.0	43	18.5	43	11.2	43	04.1	42	57.2	42	50.6	42	44.4	42	38.4	42	32.3	42	26.3	42	20.3	42	14.3
3	43	55.1	43	49.7	43	41.7	43	33.8	43	26.0	43	18.5	43	11.2	43	04.1	42	57.2	42	50.7	42	44.4	42	38.4	42	32.3	42	26.3	42	20.3	42	14.3
4	43	55.0	43	49.7	43	41.6	43	33.7	43	26.0	43	18.5	43	11.2	43	04.0	42	57.1	42	50.6	42	44.3	42	38.3	42	32.3	42	26.3	42	20.3	42	14.3
5	43	55.0	43	49.5	43	41.6	43	33.6	43	25.9	43	18.4	43	11.1	43	04.0	42	57.1	42	50.5	42	44.3	42	38.3	42	32.2	42	26.2	42	20.2	42	14.2
6	43	54.8	43	49.5	43	41.4	43	33.5	43	25.8	43	18.3	43	11.0	43	03.9	42	57.0	42	50.4	42	44.2	42	38.2	42	32.1	42	26.1	42	20.1	42	14.1
7	43	54.7	43	49.3	43	41.3	43	33.4	43	25.7	43	18.1	43	10.9	43	03.7	42	56.8	42	50.3	42	44.0	42	38.0	42	32.0	42	25.9	42	20.0	42	14.0
8	43	54.5	43	49.1	43	41.1	43	33.2	43	25.5	43	17.9	43	10.7	43	03.5	42	56.6	42	50.1	42	43.8	42	37.8	42	31.8	42	25.7	42	20.0	42	14.0
9	43	54.2	43	48.9	43	40.9	43	32.9	43	25.2	43	17.7	43	10.4	43	03.3	42	56.4	42	49.8	42	43.6	42	37.6	42	31.5	42	25.5	42	20.0	42	14.0
10	43	54.0	43	48.6	43	40.6	43	32.7	43	24.9	43	17.4	43	10.1	43	03.0	42	56.1	42	49.6	42	43.3	42	37.3	42	31.3	42	25.2	42	20.0	42	14.0
11	43	53.5	43	48.2	43	40.1	43	32.2	43	24.5	43	17.0	43	09.7	43	02.6	42	55.7	42	49.1	42	42.9	42	36.9	42	30.8	42	24.8	42	20.0	42	14.0
12	43	53.1	43	47.8	43	39.7	43	31.8	43	24.1	43	16.6	43	09.3	43	02.1	42	55.2	42	48.7	42	42.5	42	36.5	42	30.4	42	24.4	42	20.0	42	14.0
13	43	52.7	43	47.4	43	39.3	43	31.4	43	23.7	43	16.2	43	08.9	43	01.8	42	54.9	42	48.3	42	42.1	42	36.1	42	30.0	42	24.0	42	20.0	42	14.0
14	43	52.3	43	47.0	43	39.0	43	31.0	43	23.3	43	15.8	43	08.5	43	01.4	42	54.5	42	47.9	42	41.7	42	35.7	42	29.6	42	23.6	42	20.0	42	14.0
15	43	52.0	43	46.6	43	38.6	43	30.7	43	23.0	43	15.4	43	08.1	43	01.0	42	54.1	42	47.6	42	41.3	42	35.3	42	29.3	42	23.2	42	20.0	42	14.0
16	43	51.6	43	46.3	43	38.2	43	30.3	43	22.6	43	15.1	43	07.8	43	00.7	42	53.8	42	47.2	42	41.0	42	35.0	42	28.9	42	22.9	42	20.0	42	14.0
17	43	51.2	43	45.9	43	37.9	43	29.9	43	22.2	43	14.7	43	07.4	43	00.3	42	53.4	42	46.8	42	40.6	42	34.6	42	28.5	42	22.5	42	20.0	42	14.0
18	43	50.8	43	45.5	43	37.5	43	29.5	43	21.8	43	14.3	43	07.0	42	59.9	42	53.0	42	46.5	42	40.2	42	34.2	42	28.2	42	22.1	42	20.0	42	14.0
19	43	50.4	43	45.1	43	37.0	43	29.1	43	21.4	43	13.9	43	06.6	42	59.5	42	52.6	42	46.0	42	39.8	42	33.8	42	27.7	42	21.7	42	20.0	42	14.0
20	43	50.0	43	44.6	43	36.6	43	28.7	43	21.0	43	13.4	43	06.2	42	59.0	42	52.1	42	45.6	42	39.4	42	33.4	42	27.3	42	21.3	42	20.0	42	14.0
21	43	49.5	43	44.1	43	36.1	43	28.2	43	20.5	43	13.0	43	05.7	42	58.6	42	51.7	42	45.1	42	38.9	42	32.9	42	26.8	42	20.8	42	20.0	42	14.0
22	43	48.9	43	43.6	43	35.5	43	27.7	43	19.9	43	12.4	43	05.1	42	58.0	42	51.1	42	44.6	42	38.4	42	32.3	42	26.3	42	20.3	42	20.0	42	14.0
23	43	48.3	43	43.0	43	35.0	43	27.1	43	19.3	43	11.8	43	04.5	42	57.4	42	50.5	42	44.0	42	37.7	42	31.7	42	25.7	42	19.7	42	20.0	42	14.0
24	43	47.7	43	42.3	43	34.3	43	26.4	43	18.7	43	11.2	43	03.9	42	56.8	42	49.8	42	43.3	42	37.1	42	31.1	42	25.0	42	19.0	42	20.0	42	14.0
25	43	47.0	43	41.6	43	33.6	43	25.7	43	18.0	43	10.4	43	03.2	42	56.0	42	49.1	42	42.6	42	36.4	42	30.4	42	24.3	42	18.3	42	20.0	42	14.0

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
26	43 40.2	43 40.9	43 32.8	43 24.9	43 17.2	43 09.7	43 02.4	42 55.3	42 48.4	42 41.9	42 35.6	42 29.6	42 23.6	42 17.6
27	43 45.4	43 40.1	43 32.1	43 24.1	43 16.4	43 08.9	43 01.6	42 54.5	42 47.6	42 41.1	42 34.9	42 28.9	42 22.8	42 16.8
28	43 44.6	43 39.3	43 31.2	43 23.3	43 15.6	43 08.1	43 00.8	42 53.7	42 46.8	42 40.3	42 34.1	42 28.0	42 22.0	42 16.0
29	43 43.8	43 38.4	43 30.4	43 22.5	43 14.8	43 07.3	43 00.0	42 52.9	42 46.0	42 39.5	42 33.2	42 27.2	42 21.2	42 15.2
30	43 43.0	43 37.6	43 29.6	43 21.7	43 14.0	43 06.5	42 59.2	42 52.1	42 45.2	42 38.6	42 32.4	42 26.4	42 20.4	42 14.4
31	43 42.2	43 36.9	43 28.9	43 21.0	43 13.3	43 05.7	42 58.5	42 51.3	42 44.4	42 37.9	42 31.7	42 25.7	42 19.7	42 13.7
32	43 41.5	43 36.1	43 28.1	43 20.2	43 12.5	43 05.0	42 57.7	42 50.6	42 43.7	42 37.2	42 31.0	42 24.9	42 18.9	42 12.9
33	43 40.7	43 35.3	43 27.3	43 19.4	43 11.7	43 04.2	42 56.9	42 49.8	42 42.9	42 36.4	42 30.2	42 24.2	42 18.1	42 12.1
34	43 39.8	43 34.5	43 26.5	43 18.6	43 10.9	43 03.4	42 56.1	42 49.0	42 42.1	42 35.5	42 29.3	42 23.3	42 17.3	42 11.3
35	43 39.0	43 33.6	43 25.6	43 17.7	43 10.0	43 02.5	42 55.2	42 48.1	42 41.2	42 34.7	42 28.5	42 22.5	42 16.5	42 10.5
36	43 38.0	43 32.7	43 24.7	43 16.8	43 09.1	43 01.6	42 54.3	42 47.2	42 40.3	42 33.8	42 27.6	42 21.6	42 15.6	42 09.6
37	43 37.1	43 31.7	43 23.7	43 15.8	43 08.1	43 00.6	42 53.3	42 46.2	42 39.3	42 32.8	42 26.6	42 20.6	42 14.6	42 08.6
38	43 36.1	43 30.7	43 22.7	43 14.8	43 07.1	42 59.6	42 52.3	42 45.2	42 38.3	42 31.8	42 25.6	42 19.6	42 13.6	42 07.7
39	43 35.0	43 29.7	43 21.7	43 13.8	43 06.1	42 58.6	42 51.3	42 44.2	42 37.3	42 30.8	42 24.6	42 18.6	42 12.6	42 06.7
40	43 34.0	43 28.6	43 20.6	43 12.7	43 05.0	42 57.5	42 50.2	42 43.1	42 36.2	42 29.7	42 23.6	42 17.6	42 11.6	42 05.6
41	43 32.7	43 27.3	43 19.3	43 11.4	43 03.8	42 56.3	42 48.9	42 41.9	42 34.9	42 28.5	42 22.3	42 16.3	42 10.3	42 04.5
42	43 31.5	43 26.1	43 18.1	43 10.2	43 02.5	42 55.0	42 47.7	42 40.7	42 33.7	42 27.3	42 21.0	42 15.0	42 09.1	42 03.1
43	43 30.3	43 24.9	43 16.9	43 09.0	43 01.3	42 53.8	42 46.5	42 39.5	42 32.5	42 26.1	42 19.8	42 13.8	42 07.9	42 02.2
44	43 29.1	43 23.7	43 15.7	43 07.8	43 00.2	42 52.7	42 45.3	42 38.4	42 31.4	42 24.9	42 18.7	42 12.7	42 06.8	42 01.0
45	43 28.0	43 22.6	43 14.6	43 06.7	42 59.0	42 51.5	42 44.2	42 37.2	42 30.2	42 23.8	42 17.6	42 11.6	42 05.7	42 00.0
46	43 26.8	43 21.4	43 13.4	43 05.5	42 57.9	42 50.4	42 43.1	42 36.1	42 29.1	42 22.7	42 16.5	42 10.5	42 04.6	41 59.8
47	43 25.6	43 20.2	43 12.2	43 04.4	42 56.7	42 49.3	42 41.9	42 34.0	42 28.0	42 21.5	42 15.3	42 09.4	42 03.5	41 58.5
48	43 24.4	43 19.0	43 11.0	43 03.2	42 55.6	42 48.1	42 40.8	42 33.7	42 26.8	42 20.4	42 14.2	42 08.3	42 02.4	41 57.2
49	43 23.2	43 17.8	43 09.8	43 02.0	42 54.4	42 46.9	42 39.6	42 32.5	42 25.6	42 19.2	42 13.1	42 07.1	42 01.3	41 55.7
50	43 22.0	43 16.6	43 08.6	43 00.8	42 53.1	42 45.7	42 38.4	42 31.3	42 24.4	42 18.0	42 11.9	42 05.9	42 00.1	41 54.3
51	43 20.6	43 15.2	43 07.2	42 59.4	42 51.7	42 44.3	42 37.0	42 29.9	42 23.0	42 16.6	42 10.5	42 04.5	41 58.7	41 52.8
52	43 19.2	43 13.8	43 05.8	42 57.9	42 50.3	42 42.9	42 35.6	42 28.4	42 21.6	42 15.2	42 09.0	42 03.1	41 57.2	41 51.4
53	43 17.8	43 12.4	43 04.4	42 56.5	42 48.9	42 41.5	42 34.1	42 27.0	42 20.2	42 13.7	42 07.6	42 01.6	41 55.8	41 49.9
54	43 16.4	43 11.0	43 03.0	42 55.1	42 47.5	42 40.0	42 32.7	42 25.6	42 18.8	42 12.3	42 06.2	42 00.2	41 54.3	41 48.4
55	43 15.0	43 09.6	43 01.6	42 53.7	42 46.1	42 38.6	42 31.3	42 24.2	42 17.3	42 10.9	42 04.7	41 58.7	41 52.8	41 46.9
56	43 13.6	43 08.2	43 00.2	42 52.3	42 44.7	42 37.2	42 29.9	42 22.8	42 15.9	42 09.4	42 03.3	41 57.3	41 51.4	41 45.5
57	43 12.2	43 06.8	42 58.8	42 50.9	42 43.3	42 35.8	42 28.5	42 21.4	42 14.5	42 08.0	42 01.8	41 55.9	41 49.9	41 44.0
58	43 10.8	43 05.4	42 57.4	42 49.5	42 41.8	42 34.4	42 27.1	42 19.9	42 13.1	42 06.6	42 00.4	41 54.4	41 48.5	41 42.5
59	43 09.4	43 04.0	42 56.0	42 48.1	42 40.4	42 33.0	42 25.6	42 18.5	42 11.6	42 05.2	41 59.0	41 53.0	41 47.0	41 41.1
60	43 08.0	43 02.6	42 54.6	42 46.7	42 39.0	42 31.5	42 24.2	42 17.1	42 10.2	42 03.7	41 57.6	41 51.6	41 45.6	41 39.6
61	43 06.9	43 01.5	42 53.5	42 45.6	42 37.9	42 30.5	42 23.1	42 16.0	42 09.1	42 02.7	41 56.5	41 50.5	41 44.5	41 38.6
62	43 05.6	43 00.2	42 52.2	42 44.4	42 36.7	42 29.2	42 21.9	42 14.8	42 07.9	42 01.4	41 55.3	41 49.3	41 43.3	41 37.4
63	43 04.2	42 58.8	42 50.8	42 42.9	42 35.3	42 27.8	42 20.5	42 13.4	42 06.5	42 00.0	41 53.9	41 47.9	41 42.0	41 36.0
64	43 02.6	42 57.3	42 49.3	42 41.4	42 33.7	42 26.3	42 19.0	42 11.8	42 05.0	41 58.5	41 52.4	41 46.4	41 40.5	41 34.6
65	43 01.0	42 55.6	42 47.6	42 39.7	42 32.1	42 24.6	42 17.3	42 10.2	42 03.4	41 56.9	41 50.8	41 44.8	41 38.9	41 33.0

Δ	Depth $h =$														
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12	
66	m 42 59.2	s 42 53.9	m 42 45.9	s 42 38.0	m 42 30.4	s 42 22.9	m 42 15.6	s 42 08.5	m 42 01.7	s 41 55.2	m 41 49.1	s 41 43.1	m 41 37.2	s 41 31.4	
67	42 57.4	42 52.1	42 44.1	42 36.2	42 28.6	42 21.2	42 13.9	42 06.7	41 59.9	41 53.5	41 47.3	41 41.4	41 35.5	41 29.7	
68	42 55.6	42 50.2	42 42.2	42 34.4	42 26.8	42 19.4	42 12.1	42 04.9	41 58.1	41 51.7	41 45.5	41 39.6	41 33.8	41 27.9	
69	42 53.8	42 48.4	42 40.4	42 32.6	42 25.0	42 17.6	42 10.3	42 03.1	41 56.3	41 49.9	41 43.8	41 37.9	41 32.0	41 26.2	
70	42 52.0	42 46.6	42 38.6	42 30.8	42 23.2	42 15.8	42 08.5	42 01.4	41 54.5	41 48.1	41 42.0	41 36.1	41 30.3	41 24.5	
71	42 50.3	42 45.0	42 37.0	42 29.2	42 21.5	42 14.1	42 06.8	41 59.7	41 52.9	41 46.5	41 40.4	41 34.5	41 28.7	41 22.9	
72	42 48.7	42 43.3	42 35.3	42 27.5	42 19.9	42 12.5	42 05.2	41 58.1	41 51.3	41 44.9	41 38.8	41 32.9	41 27.1	41 21.3	
73	42 47.1	42 41.8	42 33.8	42 25.9	42 18.3	42 10.9	42 03.6	41 56.5	41 49.7	41 43.3	41 37.2	41 31.3	41 25.5	41 19.7	
74	42 45.5	42 40.2	42 32.2	42 24.4	42 16.8	42 09.4	42 02.1	41 55.0	41 48.2	41 41.9	41 35.7	41 29.8	41 24.0	41 18.2	
75	42 44.0	42 38.6	42 30.6	42 22.8	42 15.2	42 07.8	42 00.5	41 53.4	41 46.6	41 40.2	41 34.1	41 28.2	41 22.4	41 16.6	
76	42 42.4	42 37.0	42 29.0	42 21.2	42 13.6	42 06.3	41 59.0	41 51.9	41 45.1	41 38.7	41 32.6	41 26.7	41 20.9	41 15.1	
77	42 40.8	42 35.5	42 27.5	42 19.7	42 12.1	42 04.7	41 57.4	41 50.3	41 43.5	41 37.1	41 31.0	41 25.1	41 19.3	41 13.5	
78	42 39.2	42 33.9	42 25.9	42 18.1	42 10.5	42 03.1	41 55.8	41 48.7	41 41.9	41 35.5	41 29.4	41 23.5	41 17.7	41 12.0	
79	42 37.6	42 32.3	42 24.3	42 16.5	42 08.9	42 01.5	41 54.2	41 47.1	41 40.3	41 33.9	41 27.8	41 21.9	41 16.1	41 10.3	
80	42 36.0	42 30.6	42 22.6	42 14.8	42 07.2	41 59.8	41 52.6	41 45.5	41 38.7	41 32.3	41 26.2	41 20.3	41 14.5	41 08.7	
81	42 34.1	42 28.8	42 20.8	42 13.0	42 05.4	41 58.0	41 50.7	41 43.6	41 36.9	41 30.5	41 24.4	41 18.5	41 12.7	41 06.9	
82	42 32.3	42 27.0	42 19.0	42 11.2	42 03.6	41 56.2	41 48.9	41 41.9	41 35.1	41 28.7	41 22.6	41 16.7	41 11.0	41 05.2	
83	42 30.5	42 25.2	42 17.2	42 09.4	42 01.8	41 54.4	41 47.2	41 40.1	41 33.3	41 26.9	41 20.8	41 15.0	41 09.2	41 03.4	
84	42 28.7	42 23.4	42 15.4	42 07.6	42 00.0	41 52.7	41 45.4	41 38.3	41 31.6	41 25.2	41 19.1	41 13.3	41 07.5	41 01.7	
85	42 27.0	42 21.6	42 13.6	42 05.9	41 58.3	41 50.9	41 43.7	41 36.6	41 29.8	41 23.4	41 17.4	41 11.5	41 05.8	41 00.0	
86	42 25.2	42 19.9	42 11.9	42 04.1	41 56.5	41 49.2	41 41.9	41 34.9	41 28.1	41 21.7	41 15.6	41 09.8	41 04.1	40 58.3	
87	42 23.4	42 18.1	42 10.1	42 02.3	41 54.7	41 47.4	41 40.2	41 33.1	41 26.3	41 19.9	41 13.9	41 08.1	41 02.3	40 56.6	
88	42 21.6	42 16.3	42 08.3	42 00.6	41 53.0	41 45.6	41 38.4	41 31.3	41 24.6	41 18.2	41 12.1	41 06.3	41 00.6	40 54.8	
89	42 19.8	42 14.5	42 06.5	41 58.7	41 51.1	41 43.8	41 36.6	41 29.5	41 22.0	41 16.4	41 10.3	41 04.5	40 58.8	40 53.0	
90	42 18.0	42 12.7	42 04.7	41 56.9	41 49.3	41 42.0	41 34.8	41 27.7	41 20.9	41 14.5	41 08.5	41 02.7	40 57.0	40 51.2	
91	42 15.8	42 10.5	42 02.5	41 54.8	41 47.2	41 39.8	41 32.6	41 25.5	41 18.8	41 12.4	41 06.5	41 00.5	40 54.8	40 49.0	
92	42 13.8	42 08.5	42 00.5	41 52.7	41 45.1	41 37.7	41 30.5	41 23.5	41 16.7	41 10.3	41 04.2	40 58.4	40 52.7	40 46.9	
93	42 11.8	42 06.5	41 58.5	41 50.7	41 43.1	41 35.7	41 28.5	41 21.4	41 14.7	41 08.3	41 02.2	40 56.4	40 50.6	40 44.9	
94	42 09.8	42 04.5	41 56.5	41 48.8	41 41.2	41 33.8	41 26.6	41 19.5	41 12.7	41 06.3	41 00.2	40 54.4	40 48.6	40 42.9	
95	42 08.0	42 02.6	41 54.6	41 46.9	41 39.3	41 31.9	41 24.6	41 17.6	41 10.8	41 04.4	40 58.3	40 52.5	40 46.7	40 40.9	
96	42 06.1	42 00.8	41 52.8	41 45.0	41 37.4	41 30.0	41 22.8	41 15.7	41 08.9	41 02.5	40 56.4	40 50.6	40 44.8	40 39.0	
97	42 04.3	41 59.0	41 51.0	41 43.2	41 35.6	41 28.2	41 20.9	41 13.8	41 07.0	41 00.6	40 54.5	40 48.7	40 42.9	40 37.1	
98	42 02.5	41 57.2	41 49.2	41 41.4	41 33.8	41 26.4	41 19.1	41 12.0	41 05.2	40 58.8	40 52.7	40 46.8	40 41.0	40 35.2	
99	42 00.7	41 55.4	41 47.4	41 39.6	41 32.0	41 24.6	41 17.3	41 10.2	41 03.4	40 57.0	40 50.9	40 45.0	40 39.2	40 33.4	
100	41 59.0	41 53.6	41 45.6	41 37.8	41 30.2	41 22.8	41 15.5	41 08.4	41 01.6	40 55.2	40 49.0	40 43.1	40 37.3	40 31.5	
101	41 57.3	41 52.0	41 44.0	41 36.2	41 28.6	41 21.1	41 13.8	41 06.7	40 59.9	40 53.5	40 47.4	40 41.5	40 35.7	40 29.9	
102	41 55.6	41 50.2	41 42.2	41 34.4	41 26.8	41 19.4	41 12.1	41 05.0	40 58.2	40 51.8	40 45.7	40 39.8	40 33.9	40 28.1	
103	41 53.8	41 48.4	41 40.4	41 32.6	41 25.0	41 17.6	41 10.3	41 03.2	40 56.4	40 50.0	40 43.9	40 37.9	40 32.1	40 26.3	
104	41 51.9	41 46.5	41 38.5	41 30.7	41 23.1	41 15.7	41 08.4	41 01.3	40 54.5	40 48.1	40 42.0	40 36.1	40 30.2	40 24.4	
105	41 50.0	41 44.6	41 36.6	41 28.8	41 21.2	41 13.8	41 06.5	40 59.4	40 52.6	40 46.2	40 40.0	40 34.1	40 28.3	40 22.5	

$\Delta$	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
106	41 48.0	41 42.6	41 34.6	41 26.8	41 19.2	41 11.8	41 04.5	40 57.4	40 50.6	40 44.2	40 38.1	40 32.1	40 26.3	40 20.5
107	41 46.0	41 40.6	41 32.6	41 24.8	41 17.2	41 09.8	41 02.5	40 55.4	40 48.6	40 42.2	40 36.1	40 30.2	40 24.3	40 18.5
108	41 43.9	41 38.6	41 30.6	41 22.8	41 15.2	41 07.8	41 00.5	40 53.4	40 46.6	40 40.2	40 34.1	40 28.2	40 22.4	40 16.6
109	41 41.9	41 36.6	41 28.6	41 20.8	41 13.2	41 05.8	40 58.5	40 51.4	40 44.6	40 38.2	40 32.1	40 26.2	40 20.4	40 14.6
110	41 40.0	41 34.6	41 26.6	41 18.8	41 11.2	41 03.8	40 56.5	40 49.4	40 42.6	40 36.2	40 30.1	40 24.2	40 18.4	40 12.6
111	41 38.3	41 32.9	41 24.9	41 17.1	41 09.5	41 02.1	40 54.8	40 47.8	40 41.0	40 34.6	40 28.5	40 22.6	40 16.8	40 11.0
112	41 36.5	41 31.2	41 23.2	41 15.4	41 07.8	41 00.4	40 53.1	40 46.0	40 39.2	40 32.8	40 26.7	40 20.9	40 15.1	40 09.3
113	41 34.7	41 29.4	41 21.4	41 13.6	41 06.0	40 58.6	40 51.3	40 44.2	40 37.4	40 31.0	40 25.0	40 19.1	40 13.3	40 07.5
114	41 32.9	41 27.5	41 19.5	41 11.7	41 04.1	40 56.8	40 49.5	40 42.4	40 35.6	40 29.2	40 23.1	40 17.3	40 11.5	40 05.7
115	41 31.0	41 25.6	41 17.6	41 09.8	41 02.2	40 54.9	40 47.6	40 40.5	40 33.7	40 27.3	40 21.2	40 15.4	40 09.6	40 03.8
116	41 29.0	41 23.7	41 15.7	41 07.9	41 00.3	40 52.9	40 45.7	40 38.6	40 31.8	40 25.4	40 19.3	40 13.4	40 07.7	40 01.9
117	41 27.0	41 21.7	41 13.7	41 05.9	40 58.3	40 50.9	40 43.7	40 36.6	40 29.8	40 23.4	40 17.4	40 11.5	40 05.7	39 59.9
118	41 25.0	41 19.7	41 11.7	41 03.9	40 56.3	40 48.9	40 41.7	40 34.6	40 27.8	40 21.4	40 15.4	40 09.5	40 03.8	39 58.0
119	41 23.0	41 17.7	41 09.7	41 01.9	40 54.3	40 46.9	40 39.7	40 32.6	40 25.8	40 19.4	40 13.4	40 07.5	40 01.8	39 56.0
120	41 21.0	41 15.6	41 07.6	40 59.9	40 52.3	40 44.9	40 37.7	40 30.6	40 23.8	40 17.4	40 11.4	40 05.5	39 59.8	39 54.0
121	41 18.8	41 13.5	41 05.5	40 57.7	40 50.1	40 42.7	40 35.5	40 28.4	40 21.6	40 15.2	40 09.2	40 03.3	39 57.6	39 51.8
122	41 16.7	41 11.4	41 03.4	40 55.6	40 48.0	40 40.7	40 33.4	40 26.3	40 19.6	40 13.2	40 07.1	40 01.3	39 55.5	39 49.8
123	41 14.7	41 09.4	41 01.4	40 53.6	40 46.0	40 38.7	40 31.4	40 24.4	40 17.6	40 11.2	40 05.1	39 59.3	39 53.5	39 47.8
124	41 12.8	41 07.5	40 59.5	40 51.7	40 44.1	40 36.8	40 29.5	40 22.5	40 15.7	40 09.3	40 03.2	39 57.4	39 51.6	39 45.9
125	41 11.0	41 05.6	40 57.6	40 49.9	40 42.3	40 34.9	40 27.7	40 20.6	40 13.8	40 07.4	40 01.4	39 55.5	39 49.8	39 44.0
126	41 09.1	41 03.8	40 55.8	40 48.1	40 40.5	40 33.1	40 25.9	40 18.8	40 12.0	40 05.6	39 59.5	39 53.7	39 48.0	39 42.2
127	41 07.3	41 02.0	40 54.0	40 46.3	40 38.7	40 31.3	40 24.1	40 17.0	40 10.2	40 03.8	39 57.8	39 51.9	39 46.2	39 40.4
128	41 05.6	41 00.2	40 52.2	40 44.5	40 36.9	40 29.5	40 22.3	40 15.2	40 08.4	40 02.0	39 56.0	39 50.1	39 44.4	39 38.6
129	41 03.8	40 58.5	40 50.5	40 42.7	40 35.1	40 27.7	40 20.5	40 13.4	40 06.6	40 00.2	39 54.2	39 48.3	39 42.6	39 36.8
130	41 02.0	40 56.6	40 48.6	40 40.9	40 33.3	40 25.9	40 18.7	40 11.6	40 04.8	39 58.4	39 52.3	39 46.5	39 40.7	39 35.0
131	40 59.9	40 54.6	40 46.6	40 38.9	40 31.3	40 23.9	40 16.6	40 09.6	40 02.8	39 56.4	39 50.3	39 44.5	39 38.7	39 32.9
132	40 57.9	40 52.6	40 44.6	40 36.9	40 29.3	40 21.9	40 14.6	40 07.6	40 00.8	39 54.4	39 48.3	39 42.5	39 36.7	39 30.9
133	40 55.9	40 50.6	40 42.6	40 34.9	40 27.3	40 19.9	40 12.6	40 05.6	39 58.8	39 52.4	39 46.3	39 40.5	39 34.7	39 28.9
134	40 53.9	40 48.6	40 40.6	40 32.9	40 25.3	40 17.9	40 10.6	40 03.6	39 56.8	39 50.4	39 44.3	39 38.5	39 32.7	39 26.9
135	40 52.0	40 46.6	40 38.6	40 30.9	40 23.3	40 15.9	40 08.6	40 01.6	39 54.8	39 48.4	39 42.3	39 36.5	39 30.7	39 24.9
136	40 50.0	40 44.6	40 36.6	40 28.9	40 21.3	40 13.9	40 06.6	39 59.6	39 53.3	39 46.4	39 40.3	39 34.5	39 28.7	39 22.9
137	40 48.0	40 42.6	40 34.6	40 26.9	40 19.3	40 11.9	40 04.6	39 57.6	39 51.3	39 44.4	39 38.3	39 32.5	39 26.7	39 20.9
138	40 46.0	40 40.6	40 32.6	40 24.9	40 17.3	40 09.9	40 02.6	39 55.5	39 49.2	39 42.4	39 36.3	39 30.4	39 24.7	39 18.9
139	40 43.9	40 38.6	40 30.6	40 22.8	40 15.2	40 07.9	40 00.6	39 53.5	39 47.2	39 40.4	39 34.3	39 28.4	39 22.7	39 16.9
140	40 42.0	40 36.6	40 28.6	40 20.9	40 13.3	40 05.9	39 58.6	39 51.5	39 44.8	39 38.4	39 32.3	39 26.4	39 20.7	39 14.9
141	40 40.0	40 34.6	40 26.6	40 18.9	40 11.3	40 03.9	39 56.6	39 49.5	39 42.8	39 36.4	39 30.3	39 24.5	39 18.7	39 12.9
142	40 37.9	40 32.6	40 24.6	40 16.9	40 09.3	40 01.9	39 54.6	39 47.5	39 40.8	39 34.4	39 28.3	39 22.4	39 16.7	39 10.9
143	40 35.9	40 30.6	40 22.6	40 14.9	40 07.3	39 59.9	39 52.6	39 45.6	39 38.8	39 32.4	39 26.3	39 20.5	39 14.7	39 08.9
144	40 33.9	40 28.6	40 20.6	40 12.9	40 05.3	39 57.9	39 50.6	39 43.6	39 36.8	39 30.4	39 24.3	39 18.5	39 12.7	39 06.9
145	40 32.0	40 26.6	40 18.6	40 10.9	40 03.3	39 55.9	39 48.7	39 41.6	39 34.8	39 28.4	39 22.3	39 16.5	39 10.7	39 05.0

Depth  $h =$ 

$\Delta$	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
75	42	45.0	42	35.8	42	21.5	42	07.5	41	53.7	41	40.2	41	27.0	41	14.3	41	01.9	40	50.1	40	38.8	40	27.9	40	17.2	40	07.0
76	42	43.0	42	33.8	42	19.6	42	05.5	41	51.8	41	38.4	41	25.2	41	12.5	41	00.2	40	48.4	40	37.2	40	26.3	40	15.7	40	05.5
77	42	40.0	42	30.8	42	16.6	42	02.6	41	48.9	41	35.4	41	22.3	41	09.6	40	57.3	40	45.5	40	34.4	40	23.6	40	13.0	40	02.8
78	42	38.0	42	28.8	42	14.6	42	00.6	41	46.9	41	33.5	41	20.3	41	07.6	40	55.3	40	43.6	40	32.5	40	21.7	40	11.1	40	00.9
79	42	35.0	42	25.8	42	11.6	41	57.6	41	44.9	41	30.5	41	17.4	41	04.6	40	52.3	40	40.6	40	29.5	40	18.7	40	08.2	39	58.0
80	42	32.0	42	22.8	42	08.6	41	54.6	41	40.9	41	27.5	41	14.3	41	01.6	40	49.3	40	37.6	40	26.5	40	15.7	40	05.1	39	54.9
81	42	29.0	42	19.8	42	05.6	41	51.6	41	37.9	41	24.5	41	11.5	41	00.0	40	46.3	40	34.6	40	23.5	40	12.6	40	02.1	39	51.9
82	42	26.0	42	16.8	42	02.6	41	48.6	41	34.9	41	21.5	41	08.3	40	55.6	40	43.3	40	31.6	40	20.5	40	09.7	39	59.1	39	48.9
83	42	23.0	42	13.8	41	59.6	41	45.6	41	31.9	41	18.5	41	05.4	40	52.7	40	40.4	40	28.7	40	17.6	40	06.8	39	56.3	39	46.1
84	42	20.0	42	10.8	41	56.6	41	42.6	41	29.0	41	15.6	41	02.5	40	49.8	40	37.5	40	25.8	40	14.8	40	04.0	39	53.5	39	43.4

BRANCH DF

	m		s		m		s		m		s		m		s		m		s		m		s		m		s	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
0	43	55.0	43	45.8	43	31.4	43	17.3	43	03.5	42	49.9	42	36.7	42	23.8	42	11.4	41	59.5	41	48.1	41	37.1	41	26.4	41	16.0
1	43	55.0	43	45.9	43	31.5	43	17.4	43	03.6	42	50.0	42	36.8	42	23.9	42	11.5	41	59.6	41	48.2	41	37.2	41	26.5	41	16.1
2	43	55.1	43	45.9	43	31.5	43	17.4	43	03.6	42	50.0	42	36.8	42	23.9	42	11.5	41	59.6	41	48.2	41	37.2	41	26.5	41	16.1
3	43	55.1	43	45.9	43	31.5	43	17.4	43	03.6	42	50.0	42	36.8	42	23.9	42	11.5	41	59.6	41	48.2	41	37.2	41	26.5	41	16.1
4	43	55.0	43	45.9	43	31.5	43	17.4	43	03.6	42	50.0	42	36.8	42	23.9	42	11.5	41	59.6	41	48.2	41	37.2	41	26.5	41	16.1
5	43	55.0	43	45.8	43	31.4	43	17.3	43	03.5	42	49.9	42	36.7	42	23.8	42	11.4	41	59.5	41	48.1	41	37.1	41	26.4	41	16.0
6	43	54.8	43	45.7	43	31.3	43	17.2	43	03.4	42	49.8	42	36.6	42	23.7	42	11.3	41	59.4	41	48.0	41	37.0	41	26.3	41	15.9
7	43	54.7	43	45.5	43	31.1	43	17.0	43	03.2	42	49.6	42	36.4	42	23.5	42	11.2	41	59.3	41	47.8	41	36.8	41	26.1	41	15.7
8	43	54.5	43	45.3	43	30.9	43	16.8	43	03.0	42	49.4	42	36.2	42	23.3	42	11.0	41	59.1	41	47.7	41	36.6	41	25.9	41	15.5
9	43	54.2	43	45.1	43	30.7	43	16.6	43	02.8	42	49.2	42	36.0	42	23.1	42	10.7	41	58.8	41	47.4	41	36.4	41	25.7	41	15.3
10	43	54.0	43	44.8	43	30.4	43	16.3	43	02.5	42	48.9	42	35.7	42	22.8	42	10.5	41	58.6	41	47.1	41	36.1	41	25.4	41	15.0
11	43	53.5	43	44.4	43	30.0	43	15.9	43	02.1	42	48.5	42	35.3	42	22.4	42	10.0	41	58.1	41	46.7	41	35.7	41	24.9	41	14.6
12	43	53.1	43	43.9	43	29.6	43	15.4	43	01.6	42	48.1	42	34.8	42	22.0	42	09.6	41	57.7	41	46.3	41	35.3	41	24.5	41	14.2
13	43	52.7	43	43.6	43	29.2	43	15.1	43	01.3	42	47.7	42	34.5	42	21.6	42	09.2	41	57.3	41	45.9	41	34.9	41	24.1	41	13.8
14	43	52.3	43	43.2	43	28.8	43	14.7	43	00.9	42	47.3	42	34.1	42	21.2	42	08.9	41	56.9	41	45.5	41	34.5	41	23.8	41	13.4
15	43	52.0	43	42.8	43	28.4	43	14.3	43	00.5	42	46.9	42	33.7	42	20.8	42	08.5	41	56.6	41	45.2	41	34.1	41	23.4	41	13.0
16	43	51.6	43	42.4	43	28.1	43	14.0	43	00.1	42	46.6	42	33.4	42	20.5	42	08.1	41	56.2	41	44.8	41	33.8	41	23.1	41	12.7
17	43	51.2	43	42.1	43	27.7	43	13.6	42	59.8	42	46.2	42	33.0	42	20.1	42	07.8	41	55.8	41	44.4	41	33.4	41	22.7	41	12.3
18	43	50.8	43	41.7	43	27.3	43	13.2	42	59.4	42	45.8	42	32.6	42	19.7	42	07.4	41	55.5	41	44.1	41	33.0	41	22.3	41	11.9
19	43	50.4	43	41.3	43	26.9	43	12.8	42	59.0	42	45.4	42	32.2	42	19.3	42	07.0	41	55.1	41	43.7	41	32.6	41	21.9	41	11.5
20	43	50.0	43	40.8	43	26.4	43	12.3	42	58.5	42	44.9	42	31.7	42	18.9	42	06.5	41	54.6	41	43.2	41	32.2	41	21.4	41	11.1
21	43	49.5	43	40.3	43	26.0	43	11.9	42	58.0	42	44.5	42	31.3	42	18.4	42	06.1	41	54.1	41	42.7	41	31.7	41	21.0	41	10.6
22	43	48.9	43	39.8	43	25.4	43	11.3	42	57.5	42	43.9	42	30.7	42	17.9	42	05.5	41	53.6	41	42.2	41	30.6	41	20.4	41	10.1
23	43	48.3	43	39.2	43	24.8	43	10.7	42	56.9	42	43.3	42	30.1	42	17.3	42	04.9	41	53.0	41	41.6	41	30.6	41	19.8	41	09.5
24	43	47.7	43	38.5	43	24.2	43	10.2	42	56.2	42	42.7	42	29.5	42	16.6	42	04.3	41	52.4	41	41.0	41	29.9	41	19.2	41	08.8
25	43	47.0	43	37.8	43	23.4	43	09.3	42	55.5	42	42.0	42	28.8	42	15.9	42	03.6	41	51.7	41	40.3	41	29.2	41	18.5	41	08.1
26	43	46.2	43	37.1	43	22.7	43	08.6	42	54.8	42	41.2	42	28.0	42	15.1	42	02.8	41	50.9	41	39.5	41	28.5	41	17.7	41	07.4

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
27	43 45.4	43 36.3	43 21.9	43 07.8	42 54.0	42 40.4	42 27.2	42 14.4	42 02.1	41 50.1	41 38.7	41 27.7	41 17.0	41 06.6
28	43 44.6	43 35.5	43 21.1	43 07.0	42 53.2	42 39.6	42 26.4	42 13.6	42 01.3	41 49.3	41 37.9	41 26.9	41 16.2	41 05.8
29	43 43.8	43 34.6	43 20.3	43 06.2	42 52.4	42 38.8	42 25.6	42 12.8	42 00.4	41 48.5	41 37.1	41 26.1	41 15.4	41 05.0
30	43 43.0	43 33.8	43 19.5	43 05.3	42 51.5	42 38.0	42 24.8	42 11.9	41 59.6	41 47.7	41 36.3	41 25.3	41 14.5	41 04.2
31	43 42.2	43 33.1	43 18.7	43 04.6	42 50.8	42 37.3	42 24.1	42 11.2	41 59.9	41 47.0	41 35.6	41 24.6	41 13.8	41 03.5
32	43 41.5	43 32.3	43 18.0	43 03.9	42 50.1	42 36.5	42 23.3	42 10.5	41 58.2	41 46.2	41 34.9	41 23.8	41 13.1	41 02.7
33	43 40.7	43 31.5	43 17.2	43 03.1	42 49.3	42 35.7	42 22.5	42 09.7	41 57.4	41 45.4	41 34.1	41 23.0	41 12.3	41 02.0
34	43 39.8	43 30.7	43 16.3	43 02.2	42 48.4	42 34.9	42 21.7	42 08.8	41 56.5	41 44.6	41 33.2	41 22.2	41 11.5	41 01.1
35	43 39.0	43 29.8	43 15.5	43 01.4	42 47.5	42 34.0	42 20.8	42 08.0	41 55.7	41 43.7	41 32.4	41 21.3	41 10.6	41 00.3
36	43 38.0	43 28.9	43 14.6	43 00.4	42 46.6	42 33.1	42 19.9	42 07.0	41 54.8	41 42.8	41 31.5	41 20.4	41 09.7	40 59.4
37	43 37.1	43 27.9	43 13.6	42 59.5	42 45.7	42 32.1	42 18.9	42 06.1	41 53.8	41 41.9	41 30.5	41 19.5	41 08.7	40 58.4
38	43 36.1	43 26.9	43 12.6	42 58.5	42 44.7	42 31.1	42 17.9	42 05.1	41 52.8	41 40.9	41 29.5	41 18.5	41 07.8	40 57.4
39	43 35.0	43 25.9	43 11.6	42 57.4	42 43.6	42 30.1	42 16.9	42 04.1	41 51.8	41 39.8	41 28.5	41 17.5	41 06.7	40 56.4
40	43 34.0	43 24.8	43 10.5	42 56.4	42 42.6	42 29.0	42 15.8	42 03.0	41 50.7	41 38.8	41 27.4	41 16.4	41 05.7	40 55.3
41	43 32.7	43 23.6	43 09.2	42 55.1	42 41.3	42 27.8	42 14.6	42 01.7	41 49.5	41 37.5	41 26.2	41 15.2	41 04.4	40 54.1
42	43 31.5	43 22.3	43 08.0	42 53.9	42 40.1	42 26.6	42 13.4	42 00.5	41 48.2	41 36.3	41 25.0	41 13.9	41 03.2	40 52.9
43	43 30.3	43 21.2	43 06.8	42 52.7	42 38.9	42 25.4	42 12.2	41 59.3	41 47.1	41 35.1	41 23.8	41 12.8	41 02.0	40 51.7
44	43 29.1	43 20.0	43 05.6	42 51.5	42 37.7	42 24.2	42 11.0	41 58.2	41 45.9	41 34.0	41 22.6	41 11.6	41 00.9	40 50.5
45	43 28.0	43 18.8	43 04.5	42 50.4	42 36.6	42 23.0	42 09.8	41 57.0	41 44.7	41 32.8	41 21.5	41 10.4	40 59.7	40 49.4
46	43 26.8	43 17.6	43 03.3	42 49.2	42 35.4	42 21.9	42 08.7	41 55.9	41 43.6	41 31.6	41 20.3	41 09.3	40 58.6	40 48.2
47	43 25.6	43 16.5	43 02.1	42 48.0	42 34.2	42 20.7	42 07.5	41 54.7	41 42.4	41 30.5	41 19.1	41 08.1	40 57.4	40 47.1
48	43 24.4	43 15.3	43 01.0	42 46.8	42 33.0	42 19.5	42 06.3	41 53.5	41 41.2	41 29.3	41 18.0	41 06.9	40 56.2	40 45.9
49	43 23.2	43 14.1	42 59.7	42 45.6	42 31.8	42 18.3	42 05.1	41 52.3	41 40.0	41 28.1	41 16.7	41 05.7	40 55.0	40 44.7
50	43 22.0	43 12.8	42 58.5	42 44.4	42 30.6	42 17.1	42 03.9	41 51.0	41 38.8	41 26.8	41 15.5	41 04.5	40 53.8	40 43.4
51	43 20.6	43 11.4	42 57.1	42 43.0	42 29.2	42 15.7	42 02.5	41 49.6	41 37.4	41 25.4	41 14.1	41 03.1	40 52.4	40 42.1
52	43 19.2	43 10.0	42 55.7	42 41.6	42 27.8	42 14.3	42 01.1	41 48.3	41 36.0	41 24.0	41 12.7	41 01.7	40 51.0	40 40.7
53	43 17.8	43 08.6	42 54.3	42 40.2	42 26.4	42 12.9	41 59.7	41 46.9	41 34.6	41 22.6	41 11.3	41 00.3	40 49.6	40 39.3
54	43 16.4	43 07.2	42 52.9	42 38.8	42 25.0	42 11.5	41 58.3	41 45.5	41 33.2	41 21.3	41 09.9	40 58.9	40 48.2	40 37.9
55	43 15.0	43 05.8	42 51.5	42 37.4	42 23.6	42 10.1	41 56.9	41 44.1	41 31.8	41 19.9	41 08.5	40 57.5	40 46.8	40 36.5
56	43 13.6	43 04.4	42 50.1	42 36.0	42 22.2	42 08.7	41 55.5	41 42.7	41 30.4	41 18.5	41 07.2	40 56.1	40 45.4	40 35.1
57	43 12.2	43 03.0	42 48.7	42 34.6	42 20.8	42 07.3	41 54.1	41 41.3	41 29.0	41 17.1	41 05.8	40 54.7	40 44.0	40 33.7
58	43 10.8	43 01.6	42 47.3	42 33.2	42 19.4	42 05.9	41 52.7	41 39.9	41 27.6	41 15.7	41 04.4	40 53.4	40 42.6	40 32.3
59	43 09.4	43 00.2	42 45.9	42 31.8	42 18.0	42 04.5	41 51.3	41 38.5	41 26.2	41 14.3	41 03.0	40 52.0	40 41.2	40 30.9
60	43 08.0	42 58.8	42 44.5	42 30.4	42 16.6	42 03.1	41 49.9	41 37.1	41 24.8	41 12.9	41 01.6	40 50.6	40 39.8	40 29.5
61	43 06.9	42 57.7	42 43.4	42 29.3	42 15.5	42 02.0	41 48.8	41 36.0	41 23.7	41 11.8	41 00.5	40 49.5	40 38.8	40 28.4
62	43 05.6	42 56.4	42 42.1	42 28.0	42 14.2	42 00.7	41 47.5	41 34.7	41 22.4	41 10.5	40 59.2	40 48.2	40 37.5	40 27.2
63	43 04.2	42 55.0	42 40.7	42 26.6	42 12.8	41 59.3	41 46.1	41 33.3	41 21.0	41 09.1	40 57.8	40 46.8	40 36.1	40 25.7
64	43 02.6	42 53.5	42 39.2	42 25.1	42 11.2	41 57.8	41 44.5	41 31.7	41 19.5	41 07.5	40 56.2	40 45.2	40 34.5	40 24.2
65	43 01.0	42 51.8	42 37.5	42 23.4	42 09.6	41 56.1	41 42.9	41 30.1	41 17.8	41 05.9	40 54.6	40 43.6	40 32.9	40 22.6
66	42 59.2	42 50.1	42 35.8	42 21.7	42 07.9	41 54.4	41 41.2	41 28.4	41 16.1	41 04.1	40 52.8	40 41.8	40 31.1	40 20.8

Depth  $h =$ 

$\Delta$	Surface		0:00		0:01		0:02		0:03		0:04		0:05		0:06		0:07		0:08		0:09		0:10		0:11		0:12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
67	42	57.4	42	48.3	42	34.0	42	19.9	42	05.1	41	52.6	41	39.4	41	26.6	41	14.3	41	02.4	40	51.1	40	4.1	40	29.3	40	19.0
68	42	55.6	42	46.5	42	32.1	42	18.0	42	04.2	41	50.7	41	37.5	41	24.7	41	12.4	41	00.5	40	49.2	40	38.2	40	27.5	40	17.2
69	42	53.3	42	44.6	42	30.3	42	16.2	42	02.4	41	48.9	41	35.7	41	22.9	41	10.6	41	58.7	40	47.4	40	36.4	40	25.7	40	15.4
70	42	52.0	42	42.8	42	28.5	42	14.4	42	00.6	41	47.1	41	33.9	41	21.0	41	08.7	40	56.8	40	45.5	40	34.5	40	23.8	40	13.4
71	42	50.3	42	41.2	42	26.8	42	12.7	41	58.9	41	45.4	41	32.2	41	19.4	41	07.1	40	55.2	40	43.8	40	32.8	40	22.1	40	11.8
72	42	48.7	42	39.6	42	25.2	42	11.1	41	57.3	41	43.8	41	30.6	41	17.8	41	05.5	40	53.6	40	42.2	40	31.2	40	20.5	40	10.2
73	42	47.1	42	38.0	42	23.6	42	09.5	41	55.7	41	42.2	41	29.0	41	16.2	41	03.9	40	52.0	40	40.6	40	29.6	40	18.9	40	08.6
74	42	45.5	42	36.4	42	22.1	42	08.0	41	54.1	41	40.6	41	27.4	41	14.6	41	02.3	40	50.4	40	39.1	40	28.1	40	17.3	40	07.0
75	42	44.0	42	34.8	42	20.5	42	06.3	41	52.6	41	39.1	41	25.9	41	13.1	41	00.8	40	48.8	40	37.5	40	26.5	40	15.8	40	05.5
76	42	42.4	42	33.3	42	18.9	42	04.8	41	51.0	41	37.5	41	24.3	41	11.5	40	59.2	40	47.3	40	35.9	40	24.9	40	14.2	40	03.9
77	42	40.8	42	31.7	42	17.3	42	03.2	41	49.4	41	35.9	41	22.7	41	09.9	40	57.6	40	45.7	40	34.4	40	23.4	40	12.6	40	02.3
78	42	39.2	42	30.1	42	15.8	42	01.7	41	47.8	41	34.3	41	21.1	41	08.3	40	56.0	40	44.1	40	32.8	40	21.8	40	11.1	40	00.8
79	42	37.6	42	28.5	42	14.1	42	00.0	41	46.2	41	32.7	41	19.5	41	06.7	40	54.4	40	42.5	40	31.2	40	20.2	40	09.5	39	59.1
80	42	36.0	42	26.8	42	12.5	41	58.4	41	44.6	41	31.1	41	17.9	41	05.1	40	52.8	40	40.9	40	29.5	40	18.5	40	07.8	39	57.5
81	42	34.1	42	25.0	42	10.6	41	56.6	41	42.7	41	29.2	41	16.0	41	03.2	40	50.9	40	39.0	40	27.7	40	16.7	40	06.0	39	55.7
82	42	32.3	42	23.1	42	08.8	41	54.7	41	40.9	41	27.4	41	14.2	41	01.4	40	49.1	40	37.2	40	25.9	40	14.9	40	04.2	39	53.9
83	42	30.5	42	21.4	42	07.0	41	52.9	41	39.1	41	25.6	41	12.4	40	59.6	40	47.3	40	35.4	40	24.1	40	13.1	40	02.4	39	52.1
84	42	28.7	42	19.6	42	05.3	41	51.2	41	37.4	41	23.9	41	10.6	40	57.8	40	45.5	40	33.6	40	22.3	40	11.3	40	00.6	39	50.3
85	42	27.0	42	17.8	42	03.5	41	49.4	41	35.6	41	22.1	41	08.9	40	56.1	40	43.8	40	31.9	40	20.6	40	09.6	39	58.9	39	48.6
86	42	25.2	42	16.0	42	01.7	41	47.6	41	33.8	41	20.3	41	07.1	40	54.3	40	42.0	40	30.1	40	18.8	40	07.8	39	57.1	39	46.8
87	42	23.4	42	14.3	42	00.0	41	45.9	41	32.1	41	18.6	41	05.3	40	52.5	40	40.2	40	28.3	40	17.0	40	06.0	39	55.3	39	45.0
88	42	21.6	42	12.5	41	58.2	41	44.1	41	30.3	41	16.8	41	03.6	40	50.8	40	38.5	40	26.6	40	15.2	40	04.2	39	53.5	39	43.2
89	42	19.8	42	10.7	41	56.3	41	42.2	41	28.4	41	15.0	41	01.7	40	48.9	40	36.6	40	24.7	40	13.4	40	02.4	39	51.7	39	41.4
90	42	18.0	42	08.8	41	54.5	41	40.4	41	26.6	41	13.1	40	59.9	40	47.1	40	34.8	40	22.9	40	11.6	40	00.6	39	49.9	39	39.6
91	42	15.8	42	06.7	41	52.4	41	38.3	41	24.5	41	11.0	40	57.8	40	45.0	40	32.7	40	20.8	40	09.5	39	58.5	39	47.8	39	37.5
92	42	13.8	42	04.6	41	50.3	41	36.2	41	22.4	41	08.9	40	55.7	40	42.9	40	30.6	40	18.7	40	07.4	39	56.4	39	45.7	39	35.4
93	42	11.8	42	02.6	41	48.3	41	34.2	41	20.4	41	06.9	40	53.7	40	40.9	40	28.6	40	16.7	40	05.4	39	54.4	39	43.7	39	33.4
94	42	09.8	42	00.7	41	46.4	41	32.3	41	18.5	41	05.0	40	51.8	40	39.0	40	26.7	40	14.8	40	03.5	39	52.5	39	41.8	39	31.5
95	42	08.0	41	58.8	41	44.5	41	30.4	41	16.6	41	03.1	40	49.9	40	37.1	40	24.8	40	12.9	40	01.6	39	50.6	39	39.9	39	29.6
96	42	06.1	41	57.0	41	42.7	41	28.6	41	14.8	41	01.3	40	48.1	40	35.3	40	23.0	40	11.1	39	59.8	39	48.8	39	38.1	39	27.8
97	42	04.3	41	55.1	41	40.8	41	26.7	41	13.0	40	59.5	40	46.3	40	33.5	40	21.2	40	09.3	39	58.0	39	47.0	39	36.3	39	26.0
98	42	02.5	41	53.4	41	39.1	41	25.0	41	11.2	40	57.7	40	44.5	40	31.7	40	19.4	40	07.5	39	56.2	39	45.2	39	34.5	39	24.2
99	42	00.7	41	51.6	41	37.3	41	23.2	41	09.4	40	55.9	40	42.7	40	29.9	40	17.6	40	05.7	39	54.4	39	43.4	39	32.7	39	22.4
100	41	59.0	41	49.8	41	35.5	41	21.4	41	07.6	40	54.1	40	40.9	40	28.1	40	15.8	40	03.9	39	52.7	39	41.7	39	31.0	39	20.7
101	41	57.3	41	48.2	41	33.9	41	19.8	41	06.0	40	52.5	40	39.3	40	26.5	40	14.2	40	02.3	39	51.0	39	40.0	39	29.4	39	19.1
102	41	55.6	41	46.5	41	32.2	41	18.1	41	04.3	40	50.8	40	37.6	40	24.8	40	12.5	40	00.6	39	49.3	39	38.3	39	27.6	39	17.3
103	41	53.8	41	44.6	41	30.3	41	16.3	41	02.5	40	49.0	40	35.8	40	23.0	40	10.7	39	58.8	39	47.5	39	36.5	39	25.8	39	15.5
104	41	51.9	41	42.7	41	28.5	41	14.4	41	00.6	40	47.1	40	33.9	40	21.1	40	08.8	39	56.9	39	45.6	39	34.6	39	24.0	39	13.7
105	41	50.0	41	40.8	41	26.5	41	12.4	40	58.6	40	45.1	40	31.9	40	19.2	40	06.9	39	55.0	39	43.7	39	32.7	39	22.0	39	11.7
106	41	48.0	41	38.8	41	24.5	41	10.4	40	56.7	40	43.2	40	30.0	40	17.2	40	04.9	39	53.0	39	41.7	39	30.7	39	20.0	39	09.7

Depth h =

Δ	Surface		0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12	
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
107	41	46.0	41	36.8	41	22.5	41	08.4	40	54.6	40	41.2	40	28.0	40	15.2	40	02.9	39	51.0	39	35.7	39	28.7	39	18.0	39	07.7
108	41	43.9	41	34.8	41	20.5	41	06.4	40	52.6	40	39.1	40	25.9	40	13.2	40	00.9	39	49.0	39	37.7	39	26.7	39	16.0	39	05.7
109	41	41.9	41	32.8	41	18.5	41	04.4	40	50.6	40	37.1	40	23.9	40	11.2	39	58.9	39	47.0	39	35.7	39	24.7	39	14.0	39	03.7
110	41	40.0	41	30.8	41	16.5	41	02.4	40	48.6	40	35.2	40	22.0	40	09.2	39	56.9	39	45.0	39	33.7	39	22.7	39	12.1	39	01.8
111	41	38.3	41	29.1	41	14.8	41	00.8	40	47.0	40	33.5	40	20.3	40	07.5	39	55.2	39	43.3	39	32.0	39	21.1	39	10.4	39	00.1
112	41	36.5	41	27.4	41	13.1	40	59.0	40	45.2	40	31.7	40	18.5	40	05.8	39	53.5	39	41.6	39	30.3	39	19.3	39	08.7	38	58.4
113	41	34.7	41	25.6	41	11.3	40	57.2	40	43.4	40	29.9	40	16.7	40	04.0	39	51.7	39	39.8	39	28.5	39	17.5	39	06.9	38	56.6
114	41	32.9	41	23.7	41	09.4	40	55.3	40	41.6	40	28.1	40	14.9	40	02.1	39	49.8	39	37.9	39	26.7	39	15.7	39	05.0	38	54.7
115	41	31.0	41	21.8	41	07.5	40	53.4	40	39.7	40	26.2	40	13.0	40	00.2	39	47.9	39	36.0	39	24.7	39	13.8	39	03.1	38	52.8
116	41	29.0	41	19.8	41	05.6	40	51.5	40	37.7	40	24.2	40	11.0	39	58.2	39	45.9	39	34.1	39	22.8	39	11.8	39	01.1	38	50.9
117	41	27.0	41	17.9	41	03.6	40	49.5	40	35.7	40	22.2	40	09.0	39	56.3	39	44.0	39	32.1	39	20.8	39	09.8	38	59.2	38	48.9
118	41	25.0	41	15.9	41	01.6	40	47.5	40	33.7	40	20.2	40	07.0	39	54.3	39	42.0	39	30.1	39	18.8	39	07.8	38	57.2	38	46.9
119	41	23.0	41	13.8	40	59.6	40	45.5	40	31.7	40	18.2	40	05.0	39	52.2	39	39.9	39	28.1	39	16.8	39	05.8	38	55.2	38	44.9
120	41	21.0	41	11.8	40	57.5	40	43.4	40	29.7	40	16.2	40	03.0	39	50.2	39	37.9	39	26.0	39	14.8	39	03.8	38	53.1	38	42.9
121	41	18.8	41	09.6	40	55.4	40	41.3	40	27.5	40	14.0	40	00.8	39	48.0	39	35.7	39	23.9	39	12.6	39	01.6	38	51.0	38	40.7
122	41	16.7	41	07.6	40	53.3	40	39.2	40	25.4	40	11.9	39	58.7	39	46.0	39	33.7	39	21.8	39	10.5	38	59.6	38	48.9	38	38.6
123	41	14.7	41	05.6	40	51.3	40	37.2	40	23.4	40	09.9	39	56.8	39	44.0	39	31.7	39	19.8	39	08.5	38	57.6	38	46.9	38	36.6
124	41	12.8	41	03.7	40	49.4	40	35.3	40	21.5	40	08.0	39	54.8	39	42.1	39	29.8	39	17.9	39	06.6	38	55.7	38	45.0	38	34.7
125	41	11.0	41	01.8	40	47.5	40	33.4	40	19.7	40	06.2	39	53.0	39	40.2	39	27.9	39	16.0	39	04.8	38	53.8	38	43.2	38	32.9
126	41	09.1	41	00.0	40	45.7	40	31.6	40	17.9	40	04.4	39	51.2	39	38.4	39	26.1	39	14.2	39	03.0	38	52.0	38	41.4	38	31.1
127	41	07.3	40	58.2	40	43.9	40	29.8	40	16.1	40	02.6	39	49.4	39	36.6	39	24.3	39	12.4	39	01.2	38	50.2	38	39.6	38	29.3
128	41	05.6	40	56.4	40	42.1	40	28.1	40	14.3	40	00.8	39	47.6	39	34.8	39	22.5	39	10.7	39	08.9	38	48.4	38	37.8	38	27.5
129	41	03.8	40	54.6	40	40.3	40	26.3	40	12.5	39	59.0	39	45.8	39	33.0	39	20.7	39	08.9	38	57.6	38	46.7	38	36.0	38	25.7
130	41	02.0	40	52.8	40	38.5	40	24.5	40	10.7	39	57.2	39	44.0	39	31.2	39	18.9	39	07.1	38	55.8	38	44.9	38	34.2	38	23.9
131	40	59.9	40	50.8	40	36.5	40	22.4	40	08.7	39	55.2	39	42.0	39	29.2	39	16.9	39	05.1	38	53.8	38	42.8	38	32.2	38	21.9
132	40	57.9	40	48.8	40	34.5	40	20.4	40	06.7	39	53.2	39	40.0	39	27.2	39	14.9	39	03.1	38	51.8	38	40.9	38	30.2	38	19.9
133	40	55.9	40	46.8	40	32.5	40	18.4	40	04.7	39	51.2	39	38.0	39	25.2	39	12.9	39	01.1	38	49.8	38	38.9	38	28.2	38	17.9
134	40	53.9	40	44.8	40	30.5	40	16.4	40	02.7	39	49.2	39	36.0	39	23.2	39	10.9	38	59.1	38	47.8	38	36.9	38	26.2	38	15.9
135	40	52.0	40	42.8	40	28.5	40	14.5	40	00.7	39	47.2	39	34.0	39	21.2	39	08.9	38	57.1	38	45.8	38	34.9	38	24.2	38	13.9
136	40	50.0	40	40.8	40	26.5	40	12.5	40	58.7	39	45.2	39	32.0	39	19.2	39	06.9	38	55.1	38	43.7	38	32.9	38	22.2	38	11.9
137	40	48.0	40	38.8	40	24.5	40	10.5	39	56.7	39	43.2	39	30.0	39	17.2	39	04.9	38	53.1	38	41.8	38	30.9	38	20.2	38	09.9
138	40	46.0	40	36.8	40	22.5	40	08.5	39	54.7	39	41.2	39	28.0	39	15.3	39	02.9	38	51.1	38	39.8	38	28.9	38	18.2	38	08.0
139	40	43.9	40	34.8	40	20.5	40	06.4	39	52.7	39	39.2	39	26.0	39	13.2	39	00.9	38	49.1	38	37.8	38	26.9	38	16.2	38	05.9
140	40	42.0	40	32.8	40	18.5	40	04.5	39	50.7	39	37.2	39	24.0	39	11.3	38	58.9	38	47.1	38	35.8	38	24.9	38	14.2	38	04.0
141	40	40.0	40	30.8	40	16.5	40	02.5	39	48.7	39	35.2	39	22.0	39	09.3	38	56.9	38	45.1	38	33.8	38	22.9	38	12.2	38	02.0
142	40	37.9	40	28.8	40	14.5	40	00.4	39	46.7	39	33.2	39	20.0	39	07.2	38	54.9	38	43.1	38	31.8	38	20.9	38	10.2	38	00.0
143	40	35.9	40	26.8	40	12.5	39	58.4	39	44.7	39	31.2	39	18.0	39	05.2	38	52.9	38	41.1	38	29.8	38	18.9	38	08.2	37	58.0
144	40	33.9	40	24.8	40	10.5	39	56.4	39	42.7	39	29.2	39	16.0	39	03.2	38	50.9	38	39.1	38	27.8	38	16.9	38	06.2	37	56.0
145	40	32.0	40	22.8	40	08.5	39	54.5	39	40.7	39	27.2	39	14.0	39	01.3	38	48.9	38	37.1	38	25.8	38	14.9	38	04.2	37	54.0

Depth  $h =$ 

Δ	Depth $h =$													
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
1115	m s 29 34.0	m s 29 25.0	m s 29 11.3	m s 28 57.9	m s 28 44.7	m s 28 31.8	m s 28 19.3	m s 28 07.3	m s 27 55.9	m s 27 44.9	m s 27 34.4	m s 27 24.3	m s 27 14.6	m s 27 05.4
1116	29 41.7	29 32.7	29 19.0	29 05.6	28 52.4	28 39.5	28 27.0	28 15.1	28 03.6	27 52.6	27 42.1	27 32.0	27 22.3	27 13.1
1117	29 49.3	29 40.4	29 26.7	29 13.3	29 00.1	28 47.2	28 34.7	28 22.7	28 11.3	28 00.2	27 49.7	27 39.6	27 29.9	27 20.7
1118	29 56.9	29 48.0	29 34.3	29 20.9	29 07.7	28 54.7	28 42.3	28 30.3	28 18.8	28 07.8	27 57.3	27 47.2	27 37.5	27 28.2
1119	30 04.5	29 55.5	29 41.8	29 28.5	29 15.2	29 02.3	28 49.8	28 37.9	28 26.4	28 15.3	28 04.8	27 54.7	27 45.0	27 35.7
1120	30 12.0	30 03.0	29 49.3	29 36.0	29 22.7	29 09.7	28 57.3	28 45.4	28 33.8	28 22.7	28 12.3	28 02.1	27 52.5	27 43.2
1121	30 19.4	30 10.4	29 56.8	29 43.4	29 30.1	29 17.2	29 04.7	28 52.8	28 41.3	28 30.1	28 19.7	28 09.5	27 59.9	27 50.5
1122	30 26.8	30 17.8	30 04.2	29 50.8	29 37.5	29 24.6	29 12.1	29 00.2	28 48.7	28 37.5	28 27.1	28 16.9	28 07.3	27 57.9
1123	30 34.2	30 25.2	30 11.6	29 58.2	29 44.9	29 32.0	29 19.5	29 07.6	28 56.0	28 44.9	28 34.4	28 24.3	28 14.8	28 05.2
1124	30 41.6	30 32.6	30 19.0	30 05.6	29 52.3	29 39.3	29 26.9	29 15.0	29 03.4	28 52.2	28 41.8	28 31.6	28 21.9	28 12.5
1125	30 49.0	30 40.0	30 26.3	30 12.9	29 59.7	29 46.7	29 34.2	29 22.3	29 10.7	28 59.5	28 49.1	28 38.9	28 29.3	28 19.8
1126	30 56.4	30 47.5	30 33.8	30 20.4	30 07.1	29 54.1	29 41.7	29 29.2	29 18.2	29 07.0	28 56.5	28 46.4	28 36.7	28 27.3
1127	31 03.9	30 54.9	30 41.2	30 27.8	30 14.5	30 01.6	29 49.1	29 37.2	29 25.6	29 14.4	29 03.9	28 53.8	28 44.1	28 34.6
1128	31 11.3	31 02.3	30 48.6	30 35.2	30 21.9	30 09.0	29 56.5	29 44.5	29 32.9	29 21.7	29 11.3	29 01.1	28 51.4	28 42.0
1129	31 18.6	31 09.7	30 56.0	30 42.6	30 29.3	30 16.3	30 03.9	29 51.9	29 40.3	29 29.1	29 18.6	29 08.4	28 58.7	28 49.3
1130	31 26.0	31 17.0	31 03.3	30 49.9	30 36.6	30 23.6	30 11.2	29 59.2	29 47.6	29 36.4	29 25.9	29 15.7	29 06.0	28 56.5
1131	31 33.2	31 24.3	31 10.6	30 57.1	30 43.8	30 30.9	30 18.4	30 06.4	29 54.8	29 43.6	29 33.1	29 22.9	29 13.2	29 03.7
1132	31 40.5	31 31.5	31 17.8	31 04.3	30 51.0	30 38.1	30 25.6	30 13.6	30 02.0	29 50.8	29 40.3	29 30.1	29 20.3	29 10.9
1133	31 47.7	31 38.7	31 25.0	31 11.5	30 58.2	30 45.3	30 32.8	30 20.8	30 09.2	29 58.0	29 47.4	29 37.2	29 27.5	29 18.0
1134	31 54.8	31 45.9	31 32.1	31 18.6	31 05.3	30 52.4	30 39.9	30 27.9	30 16.3	30 05.1	29 54.5	29 44.3	29 34.6	29 25.1
1135	32 02.0	31 53.0	31 39.2	31 25.7	31 12.4	30 59.5	30 47.0	30 34.9	30 23.4	30 12.2	30 01.6	29 51.4	29 41.6	29 32.1
1136	32 09.0	32 00.1	31 46.2	31 32.8	31 19.5	31 06.6	30 54.0	30 41.9	30 30.4	30 19.2	30 08.6	29 58.4	29 48.6	29 39.1
1137	32 16.0	32 07.1	31 53.3	31 39.7	31 26.4	31 13.6	31 01.0	30 48.9	30 37.3	30 26.2	30 15.5	30 05.3	29 55.5	29 46.0
1138	32 23.0	32 14.1	32 00.2	31 46.7	31 33.4	31 20.5	31 08.0	30 55.9	30 44.3	30 33.1	30 22.5	30 12.3	30 02.4	29 52.9
1139	32 30.0	32 21.1	32 07.2	31 53.7	31 40.4	31 27.5	31 15.0	31 02.8	30 51.2	30 40.1	30 29.4	30 19.2	30 09.3	29 59.8
1140	32 37.0	32 28.0	32 14.1	32 00.6	31 47.3	31 34.4	31 21.9	31 09.7	30 58.1	30 47.0	30 36.3	30 26.1	30 16.2	30 06.7
1141	32 43.9	32 35.0	32 21.1	32 07.5	31 54.2	31 41.4	31 28.8	31 16.6	31 05.1	30 53.9	30 43.2	30 33.0	30 23.1	30 13.6
1142	32 50.9	32 42.0	32 28.1	32 14.5	32 01.2	31 48.4	31 35.8	31 23.5	31 12.0	31 00.8	30 50.1	30 39.9	30 30.0	30 20.5
1143	32 57.9	32 49.0	32 35.0	32 21.4	32 08.2	31 55.3	31 42.7	31 30.5	31 18.9	31 07.8	30 57.0	30 46.8	30 36.9	30 27.4
1144	33 04.9	32 56.0	32 42.0	32 28.4	32 15.2	32 02.3	31 49.7	31 37.4	31 25.9	31 14.8	31 04.0	30 53.8	30 43.8	30 34.3
1145	33 12.0	33 03.1	32 49.1	32 35.5	32 22.2	32 09.3	31 56.7	31 44.4	31 32.9	31 21.8	31 11.0	31 00.7	30 50.8	30 41.3
1146	33 18.7	33 09.8	32 55.8	32 42.2	32 28.9	32 16.0	32 03.4	31 51.1	31 39.6	31 28.4	31 17.6	31 07.4	30 57.4	30 47.9
1147	33 25.3	33 16.4	33 02.4	32 48.8	32 35.5	32 22.7	32 10.0	31 57.7	31 46.2	31 35.1	31 24.2	31 14.0	31 04.0	30 54.5
1148	33 31.9	33 23.0	33 09.0	32 55.4	32 42.1	32 29.2	32 16.6	32 04.3	31 52.7	31 41.6	31 30.8	31 20.5	31 10.5	31 01.0
1149	33 38.5	33 29.6	33 15.5	33 01.9	32 48.6	32 35.8	32 23.1	32 10.7	31 59.2	31 48.1	31 37.2	31 27.0	31 17.0	31 07.4
1150	33 45.0	33 36.1	33 22.0	33 08.3	32 55.0	32 42.2	32 29.5	32 17.2	32 05.6	31 54.5	31 43.7	31 33.4	31 23.4	31 13.8
1151	33 51.4	33 42.5	33 28.4	33 14.8	33 01.5	32 48.6	32 35.9	32 23.6	32 12.0	32 00.9	31 50.0	31 39.7	31 29.7	31 20.2
1152	33 57.8	33 48.9	33 34.9	33 21.2	33 07.9	32 55.0	32 42.3	32 30.0	32 18.4	32 07.3	31 56.4	31 46.1	31 36.0	31 26.5
1153	34 04.2	33 55.3	33 41.2	33 27.5	33 14.2	33 01.4	32 48.7	32 36.3	32 24.7	32 13.6	32 02.7	31 52.4	31 42.3	31 32.8
1154	34 10.6	34 01.7	33 47.6	33 33.9	33 20.6	33 07.7	32 55.0	32 42.6	32 31.1	32 19.9	32 09.0	31 58.7	31 48.6	31 39.1
1155	34 17.0	34 08.0	33 54.0	33 40.3	33 26.9	33 14.1	33 01.3	32 49.0	32 37.4	32 26.2	32 15.3	32 05.0	31 54.9	31 45.4

## TIMES OF SKSP BRANCH

Δ	Depth $h =$																											
	Surface	0-00		0-01		0-02		0-03		0-04		0-05		0-06		0-07		0-08		0-09		0-10		0-11		0-12		
	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s	m	s
156	34	23.2	34	14.3	34	00.2	33	46.5	33	33.2	33	20.3	33	07.6	32	55.2	32	43.6	32	32.4	32	21.6	32	11.2	32	01.1	31	51.6
157	34	29.5	34	20.5	34	06.5	33	52.8	33	39.4	33	26.5	33	13.8	33	01.4	32	49.8	32	38.6	32	27.7	32	17.3	32	07.3	31	57.7
158	34	35.7	34	26.7	34	12.7	33	59.0	33	45.6	33	32.7	33	19.9	33	07.6	32	56.0	32	44.7	32	33.9	32	23.4	32	13.4	32	03.8
159	34	41.8	34	32.9	34	18.8	34	05.1	33	51.8	33	38.8	33	26.1	33	13.7	33	02.1	32	50.8	32	40.0	32	29.5	32	19.4	32	09.9
160	34	48.0	34	39.0	34	25.0	34	11.2	33	57.9	33	44.9	33	32.2	33	19.8	33	08.1	32	56.9	32	46.0	32	35.5	32	25.5	32	15.9
161	34	54.0	34	45.0	34	31.0	34	17.3	34	03.9	33	50.9	33	38.2	33	25.9	33	14.2	33	02.9	32	52.1	32	41.5	32	31.5	32	21.9
162	35	00.1	34	51.1	34	37.1	34	23.4	34	10.0	33	56.9	33	44.2	33	31.9	33	20.2	33	08.8	32	58.0	32	47.5	32	37.4	32	27.8
163	35	06.1	34	57.1	34	43.1	34	29.4	34	16.0	34	02.9	33	50.2	33	37.9	33	26.1	33	14.7	33	04.0	32	53.4	32	43.3	32	33.7
164	35	12.0	35	03.0	34	49.1	34	35.4	34	21.9	34	08.8	33	56.1	33	43.8	33	32.0	33	20.6	33	09.9	32	59.2	32	49.2	32	39.6
165	35	18.0	35	08.9	34	55.0	34	41.3	34	27.8	34	14.7	34	02.0	33	49.7	33	37.9	33	26.5	33	15.7	33	05.1	32	55.0	32	45.4
166	35	23.9	35	14.8	35	00.9	34	47.2	34	33.7	34	20.6	34	07.8	33	55.6	33	43.7	33	32.3	33	21.6	33	10.9	33	00.9	32	51.2
167	35	29.7	35	20.7	35	06.7	34	53.0	34	39.6	34	26.4	34	13.7	34	01.4	33	49.5	33	38.1	33	27.4	33	16.7	33	06.6	32	56.9
168	35	35.5	35	26.5	35	12.6	34	58.8	34	45.4	34	32.2	34	19.4	34	07.2	33	55.3	33	43.9	33	33.1	33	22.4	33	12.3	33	02.6
169	35	41.3	35	32.2	35	18.3	35	04.6	34	51.1	34	37.9	34	25.1	34	12.9	34	01.0	33	49.5	33	38.8	33	28.1	33	18.0	33	08.3
170	35	47.0	35	37.9	35	24.0	35	10.2	34	56.7	34	43.5	34	30.8	34	18.5	34	06.6	33	55.1	33	44.4	33	33.6	33	23.5	33	13.8
171	35	52.5	35	43.5	35	29.5	35	15.8	35	02.3	34	49.1	34	36.3	34	24.0	34	12.1	34	00.7	33	49.9	33	39.2	33	29.0	33	19.3
172	35	58.0	35	49.0	35	35.0	35	21.3	35	07.8	34	54.6	34	41.8	34	29.5	34	17.6	34	06.1	33	55.3	33	44.6	33	34.4	33	24.7
173	36	03.5	35	54.4	35	40.4	35	26.7	35	13.2	34	59.9	34	47.2	34	34.8	34	22.9	34	11.5	34	00.6	33	49.9	33	39.7	33	30.0
174	36	08.8	35	59.7	35	45.7	35	32.0	35	18.5	35	05.2	34	52.4	34	40.1	34	28.2	34	16.7	34	05.9	33	55.1	33	44.9	33	35.2
175	36	14.0	36	04.9	35	50.9	35	37.2	35	23.6	35	10.4	34	57.6	34	45.1	34	33.3	34	21.9	34	10.9	34	00.2	33	49.9	33	40.1
176	36	19.2	36	10.2	35	56.2	35	42.4	35	28.9	35	15.6	35	02.8	34	50.3	34	38.4	34	27.1	34	16.1	34	05.3	33	55.1	33	45.3
177	36	24.4	36	15.4	36	01.4	35	47.6	35	34.1	35	20.2	35	08.0	34	55.5	34	43.6	34	32.2	34	21.2	34	10.5	34	00.2	33	50.4
178	36	29.6	36	20.6	36	06.6	35	53.8	35	39.2	35	26.0	35	13.1	35	00.6	34	48.7	34	37.4	34	26.3	34	15.6	34	05.3	33	55.4
179	36	34.8	36	25.7	36	11.7	35	57.2	35	44.4	35	31.1	35	18.3	35	05.8	34	53.9	34	42.5	34	31.5	34	20.7	34	10.4	34	00.5
180	36	40.0	36	30.9	36	16.9	36	03.1	35	49.5	35	36.3	35	23.4	35	10.9	34	59.0	34	47.6	34	36.6	34	25.8	34	15.5	34	05.6
181	36	45.1	36	36.1	36	22.1	36	08.2	35	54.7	35	41.4	35	28.5	35	16.0	35	04.1	34	52.7	34	41.6	34	30.9	34	20.5	34	10.6
182	36	50.3	36	41.3	36	27.2	36	13.4	35	59.8	35	46.6	35	33.7	35	21.1	35	09.2	34	57.8	34	46.8	34	36.0	34	25.6	34	15.7
183	36	55.5	36	46.4	36	32.4	36	18.6	36	05.0	35	51.7	35	38.8	35	26.3	35	14.4	35	03.0	34	51.9	34	41.1	34	30.7	34	20.8
184	37	00.7	36	51.7	36	37.6	36	23.8	36	10.2	35	56.9	35	44.0	35	31.4	35	19.5	35	08.1	34	57.0	34	46.3	34	35.9	34	25.9
185	37	06.0	36	56.9	36	42.9	36	29.0	36	15.5	36	02.2	35	49.2	35	36.7	35	24.7	35	13.3	35	02.2	34	51.5	34	41.1	34	31.1
186	37	10.9	37	01.8	36	47.8	36	33.9	36	20.4	36	07.1	35	54.1	35	41.5	35	29.6	35	18.2	35	07.1	34	56.3	34	45.9	34	36.0
187	37	15.7	37	06.7	36	52.6	36	38.8	36	25.2	36	11.9	35	59.0	35	46.4	35	34.4	35	23.0	35	11.9	35	01.1	34	50.7	34	40.8
188	37	20.5	37	11.5	36	57.4	36	43.6	36	30.0	36	16.7	36	03.7	35	51.1	35	39.2	35	27.7	35	16.6	35	05.9	34	55.5	34	45.5
189	37	25.3	37	16.2	37	02.2	36	48.3	36	34.7	36	21.4	36	08.4	35	55.8	35	43.9	35	32.4	35	21.3	35	10.5	35	00.1	34	50.2
190	37	30.0	37	20.9	37	06.8	36	53.0	36	39.4	36	26.1	36	13.1	36	00.5	35	48.5	35	37.1	35	26.0	35	15.2	35	04.8	34	54.8
191	37	34.6	37	25.6	37	11.5	36	57.6	36	44.0	36	30.7	36	17.7	36	05.1	35	53.1	35	41.7	35	30.6	35	19.8	35	09.4	34	59.4
192	37	39.2	37	30.2	37	16.1	37	02.2	36	48.6	36	35.3	36	22.3	36	09.7	35	57.7	35	46.3	35	35.2	35	24.4	35	14.0	35	04.0
193	37	43.8	37	34.8	37	20.7	37	06.8	36	53.2	36	39.9	36	26.9	36	14.3	36	02.3	35	50.8	35	39.7	35	28.9	35	18.5	35	08.5
194	37	48.4	37	39.3	37	25.2	37	11.3	36	57.7	36	44.4	36	31.5	36	18.9	36	06.9	35	55.4	35	44.3	35	33.5	35	23.1	35	13.1
195	37	52.0	37	43.9	37	29.8	37	15.9	37	02.3	36	49.0	36	36.0	36	23.4	36	11.4	35	59.9	35	48.3	35	38.0	35	27.6	35	17.6

Δ	Depth h =												
	Surface	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m	m	m	m	m	m	m	m	m	m	m	m	m
196	37 57.6	37 48.5	37 20.5	37 06.9	36 53.6	36 40.6	36 28.0	36 16.0	36 04.5	35 53.4	35 42.6	35 32.2	35 22.2
197	38 02.2	37 53.1	37 25.1	37 11.5	36 58.2	36 45.2	36 32.6	36 20.6	36 09.1	35 58.0	35 47.2	35 36.8	35 26.8
198	38 06.8	37 57.7	37 29.7	37 15.1	37 02.8	36 49.8	36 37.2	36 25.2	36 13.7	36 02.6	35 51.8	35 41.4	35 31.3
199	38 11.4	38 02.3	37 34.3	37 20.7	37 07.4	36 54.4	36 41.8	36 29.8	36 18.2	36 07.1	35 56.3	35 45.9	35 35.9
200	38 16.0	38 06.9	37 48.2	37 34.9	37 21.0	36 59.0	36 46.4	36 34.4	36 22.8	36 11.7	36 00.9	35 50.5	35 40.5
201	38 20.6	38 11.5	37 57.4	37 43.5	37 29.9	37 16.6	36 51.0	36 39.0	36 27.4	36 16.3	36 05.5	35 55.1	35 45.1
202	38 25.2	38 16.1	37 48.1	37 34.5	37 21.2	37 08.2	36 55.6	36 43.6	36 32.1	36 21.0	36 10.2	35 59.8	35 49.7
203	38 29.8	38 20.7	37 52.7	37 39.1	37 25.8	37 12.8	37 00.2	36 48.2	36 36.7	36 25.6	36 14.8	36 04.4	35 54.4
2204	38 34.4	38 25.3	37 57.3	37 43.7	37 30.4	37 17.4	37 04.8	36 52.8	36 41.3	36 30.2	36 19.4	36 09.0	35 59.0
2205	38 39.0	38 29.9	38 01.9	37 48.3	37 35.0	37 22.0	37 09.4	36 57.4	36 45.9	36 34.8	36 24.0	36 13.6	36 03.6

Depth  $h =$ 

$\Delta$	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10	0-11	0-12
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
44	58 20.5	58 15.9	58 06.9	57 56.3	57 49.1	57 40.5	57 35.7	57 31.1	57 22.8	57 15.8	57 11.3	57 05.8	57 00.3	56 55.1
45	58 21.0	58 16.4	58 07.4	57 58.7	57 49.6	57 41.3	57 36.4	57 31.6	57 23.4	57 16.4	57 11.5	57 06.2	57 01.1	56 55.2
46	58 21.5	58 16.9	58 07.9	57 59.1	57 50.1	57 42.3	57 38.0	57 33.3	57 24.5	57 16.4	57 11.5	57 06.6	57 01.7	56 55.2
47	58 22.1	58 17.6	58 08.5	57 59.6	57 50.8	57 43.3	57 39.3	57 34.9	57 25.8	57 16.6	57 11.5	57 06.9	57 02.4	56 55.5
48	58 22.6	58 18.1	58 09.0	58 00.2	57 51.3	57 43.8	57 40.1	57 36.1	57 27.1	57 17.0	57 11.5	57 07.3	57 03.2	56 56.5
49	58 23.2	58 18.6	58 09.6	58 00.8	57 51.8	57 44.1	57 40.7	57 37.1	57 28.2	57 17.5	57 11.5	57 07.7	57 03.9	56 57.1
50	58 23.8	58 19.1	58 10.2	58 01.5	57 52.3	57 44.4	57 41.0	57 37.7	57 29.1	57 17.5	57 11.4	57 08.0	57 04.0	56 57.7
51	58 24.3	58 19.7	58 10.7	58 02.0	57 52.9	57 45.0	57 41.5	57 38.2	57 30.1	57 17.9	57 11.5	57 08.4	57 05.4	56 58.2
52	58 24.8	58 20.2	58 11.2	58 02.6	57 53.4	57 45.5	57 42.3	57 39.2	57 30.9	57 18.4	57 12.0	57 09.0	57 06.0	56 58.8
53	58 26.4	58 21.7	58 12.7	58 03.3	57 53.9	57 46.0	57 43.2	57 40.4	57 31.8	57 18.9	57 12.5	57 09.5	57 06.5	56 59.3
54	58 27.7	58 22.9	58 13.2	58 04.1	57 54.4	57 46.3	57 43.8	57 41.3	57 32.6	57 19.8	57 13.3	57 10.2	57 07.2	56 59.8
55	58 28.5	58 23.6	58 13.9	58 04.7	57 54.8	57 46.6	57 44.4	57 42.2	57 33.4	57 30.9	57 13.5	57 11.1	57 08.2	57 00.6
56	58 29.4	58 24.4	58 14.6	58 05.3	57 55.4	57 47.3	57 45.3	57 43.3	57 34.1	58 00.3	57 14.2	57 12.1	57 09.4	57 01.7
57	58 30.7	58 25.8	58 15.6	58 05.8	57 56.1	57 48.3	57 46.5	57 44.3	57 34.9	57 17.9	57 15.3	57 13.1	57 10.6	57 02.8
58	58 31.0	58 26.1	58 16.1	58 06.5	57 56.9	57 49.5	57 47.8	57 45.6	57 35.6	57 21.7	57 16.1	57 14.2	57 11.8	57 04.0
59	58 31.0	58 26.2	58 16.7	58 07.5	57 58.1	57 50.6	57 48.9	57 46.6	57 36.6	57 22.8	57 17.2	57 15.0	57 12.5	57 05.1
60	58 30.9	58 26.7	58 17.2	58 08.5	57 59.5	57 51.7	57 50.0	57 47.7	57 37.7	57 24.4	57 18.6	57 15.8	57 12.9	57 06.1
61	58 32.1	58 27.5	58 18.1	58 09.2	58 00.1	57 52.8	57 51.1	57 48.8	57 38.8	57 26.2	57 20.2	57 16.6	57 13.3	57 07.1
62	58 34.8	58 29.9	58 19.8	58 09.9	58 00.5	57 53.3	57 51.9	57 49.9	57 40.0	57 27.6	57 21.4	57 17.3	57 13.8	57 08.2
63	58 36.6	58 31.6	58 21.0	58 10.4	58 01.1	57 54.3	57 52.9	57 50.8	57 41.2	57 28.7	57 22.4	57 18.3	57 14.9	57 09.3
64	58 38.2	58 33.1	58 22.2	58 11.1	58 01.9	57 55.3	57 54.1	57 52.3	57 43.0	57 30.4	57 23.5	57 19.6	57 16.1	57 10.4
65	58 40.9	58 35.5	58 24.1	58 12.8	58 02.9	57 56.1	57 55.7	57 54.8	57 45.5	57 32.6	57 25.6	57 20.8	57 17.0	57 11.5
66	58 44.2	58 38.6	58 26.6	58 14.4	58 04.6	57 58.2	57 58.1	57 57.0	57 47.2	57 34.3	57 27.3	57 22.3	57 18.3	57 12.9
67	58 47.7	58 41.9	58 28.8	58 14.8	58 05.9	58 01.2	58 00.8	57 58.7	57 48.9	57 36.6	57 30.0	57 25.2	57 21.1	57 15.2
68	58 51.9	58 45.8	58 31.4	58 15.5	58 07.1	58 03.7	58 03.0	58 00.2	57 50.6	57 38.3	57 31.9	57 27.7	57 24.0	57 17.6
69	58 55.1	58 48.9	58 33.6	58 16.5	58 08.6	58 06.3	58 05.5	58 02.1	57 52.5	57 40.4	57 33.9	57 29.8	57 26.2	57 19.8
70	58 58.9	58 52.5	58 36.4	58 17.8	58 10.5	58 09.4	58 08.3	58 06.4	57 55.1	57 42.7	57 36.1	57 32.7	57 29.3	57 22.4
71	59 01.9	58 55.3	58 38.7	58 19.2	58 12.5	58 12.5	58 11.0	58 06.4	57 57.7	57 46.0	57 39.3	57 35.6	57 32.3	57 25.2
72	59 03.9	58 57.4	58 40.8	58 21.2	58 14.9	58 15.5	58 13.7	58 08.6	58 00.1	57 48.8	57 42.1	57 38.3	57 34.8	57 28.2
73	59 06.6	59 00.0	58 43.2	58 23.2	58 17.1	58 18.0	58 15.9	58 10.6	58 02.3	57 53.3	57 46.7	57 41.3	57 36.7	57 31.2
74	59 10.2	59 03.5	58 46.0	58 25.2	58 19.2	58 20.4	58 18.1	58 12.4	58 04.7	57 42.6	57 34.1	57 30.1	57 25.3	57 19.8
75	59 13.1	59 06.4	58 48.7	58 27.6	58 21.9	58 23.6	58 20.6	58 14.4	58 07.4	57 31.7	57 21.3	57 17.4	57 13.3	57 07.8
76	59 16.5	59 09.7	58 51.6	58 29.7	58 24.2	58 26.3	58 22.6	58 16.2	58 10.0	58 03.6	57 56.6	57 50.0	57 45.0	57 40.6
77	59 19.6	59 12.7	58 54.5	58 32.5	58 26.7	58 28.7	58 25.6	58 19.2	58 12.9	58 04.3	57 56.9	57 51.8	57 48.1	57 43.8
78	59 21.2	59 14.4	58 56.4	58 34.6	58 29.3	58 31.6	58 28.4	58 21.8	58 15.1	58 06.7	57 59.7	57 54.9	57 50.9	57 45.4
79	59 23.5	59 16.8	58 58.9	58 37.1	58 32.0	58 34.6	58 31.2	58 24.3	58 17.4	58 08.8	58 02.1	57 57.6	57 53.9	57 47.8
80	59 26.9	59 20.1	59 02.2	58 40.5	58 35.2	58 37.4	58 34.1	58 27.1	58 19.9	58 11.9	58 05.2	58 00.2	57 55.9	57 50.2
81	59 28.6	59 21.9	59 04.7	58 43.9	58 38.4	58 39.8	58 36.2	58 29.4	58 22.1	58 14.7	58 08.2	58 02.7	57 58.1	57 52.5
82	59 30.5	59 24.0	59 07.3	58 47.4	58 41.5	58 42.1	58 38.1	58 31.7	58 24.5	58 17.0	58 10.8	58 05.5	58 00.9	57 55.1
83	59 33.9	59 27.3	59 10.7	58 51.0	58 44.6	58 44.5	58 40.9	58 34.6	58 27.0	58 19.0	58 13.1	58 08.5	58 04.3	57 50.2
84	59 36.9	59 30.3	59 13.8	58 54.6	58 47.6	58 46.6	58 43.2	58 37.2	58 29.6	58 21.1	58 15.2	58 10.9	56 07.0	56 01.1

Δ	Depth h =											
	Surface	0-00	0-01	0-02	0-03	0-04	0-05	0-06	0-07	0-08	0-09	0-10
	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s
85	59 38.5	59 32.0	59 16.3	58 58.1	58 50.6	58 48.6	58 45.1	58 39.4	58 31.9	58 23.6	58 17.7	58 13.2
86	59 39.5	59 33.3	59 18.4	59 01.4	58 53.7	58 51.1	58 47.3	58 41.7	58 34.2	58 26.2	58 20.6	58 15.8
87	59 41.5	59 35.4	59 20.9	59 05.0	58 56.7	58 53.0	58 49.2	58 44.0	58 36.6	58 28.6	58 23.0	58 18.3
88	59 42.5	59 36.6	59 23.3	59 08.8	59 00.3	58 55.8	58 51.5	58 46.2	58 38.2	58 30.4	58 25.2	58 20.5
89	59 42.0	59 36.6	59 24.9	59 12.5	59 04.0	58 58.3	58 53.7	58 48.4	58 40.4	58 31.7	58 26.4	58 22.4
90	59 43.3	59 38.2	59 27.1	59 15.4	59 07.1	59 00.9	58 55.6	58 49.8	58 42.4	58 33.8	58 28.5	58 24.6
91	59 45.2	59 40.1	59 29.3	59 17.8	59 09.6	59 03.4	58 57.5	58 51.1	58 43.9	58 35.9	58 30.9	58 27.0
92	59 46.3	59 41.3	59 30.8	59 19.6	59 11.6	59 05.4	58 59.3	58 52.5	58 45.0	58 37.8	58 33.1	58 29.1
93	59 46.9	59 42.1	59 31.6	59 20.3	59 12.8	59 07.1	59 00.3	58 52.9	58 46.0	58 40.1	58 35.3	58 30.5
94	59 47.7	59 42.9	59 32.6	59 21.6	59 14.2	59 08.5	59 0 13	58 53.7	58 47.3	58 42.3	58 37.3	58 31.9
95	59 48.8	59 44.1	59 34.0	59 23.2	59 15.9	59 10.2	59 02.7	58 54.7	58 48.7	58 43.9	58 38.6	58 32.9
96	59 49.7	59 45.1	59 35.5	59 25.0	59 18.2	59 12.6	59 04.4	58 55.7	58 49.7	58 45.0	58 41.1	58 35.2
97	59 51.3	59 46.8	59 37.2	59 26.8	59 19.9	59 13.9	59 05.6	58 56.8	58 50.8	58 46.5	58 42.8	58 38.4
98	59 51.5	59 47.2	59 38.3	59 28.9	59 21.9	59 15.6	59 06.9	58 57.9	58 51.8	58 48.2	58 44.1	58 39.9
99	59 52.1	59 47.9	59 39.4	59 30.5	59 23.4	59 16.8	59 08.0	58 59.1	58 53.3	58 49.7	58 44.9	58 39.6
100	59 53.1	59 48.9	59 40.6	59 31.6	59 24.6	59 18.1	59 09.1	59 00.2	58 54.7	58 50.7	58 44.9	58 38.6
101	59 54.2	59 50.0	59 41.6	59 32.6	59 25.9	59 19.6	59 10.5	59 01.3	58 55.8	58 51.4	58 45.6	58 39.6
102	59 55.7	59 51.5	59 43.0	59 33.7	59 27.0	59 20.8	59 11.6	59 02.3	58 56.8	58 52.6	58 46.8	58 40.7
103	59 58.1	59 53.7	59 44.7	59 34.8	59 28.2	59 22.5	59 13.1	59 03.4	58 57.7	58 53.5	58 47.6	58 41.7
104	59 59.6	59 55.2	59 46.0	59 35.9	59 29.4	59 23.8	59 14.3	59 04.5	58 59.2	58 54.8	58 48.4	58 42.6